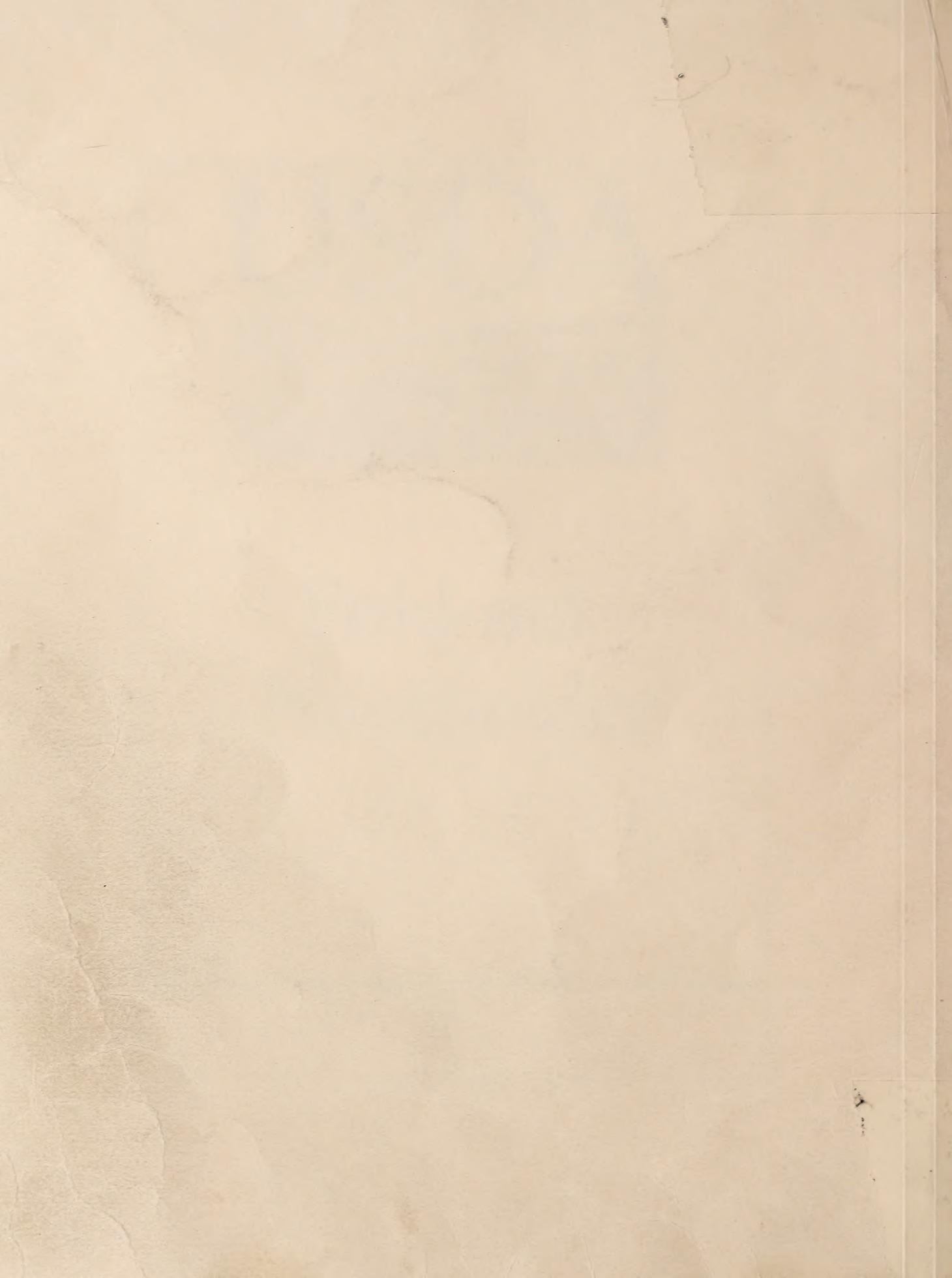


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Do not assume content reflects current scientific knowledge, policies, or practices.



62, 23

Vaughan's
BOOK FOR FLORISTS
Spring
1940 64th
year



Petunia
Dwarf California Giants
VAUGHAN'S BLEND
trade packet, 75c; trade packet, \$1.25;
oz., \$2.25; $\frac{1}{2}$ oz., \$4.00; $\frac{1}{8}$ oz., \$10.00.



VAUGHAN'S
SUPER SCABIOSAS
(Mourning Bride)

VAUGHAN'S SUPER SCABIOSAS

An improved strain, with larger flowers and brighter colors. The illustration shows blossoms life size. Growing 30 in. tall with strong stems. Scabiosas are among the best of cut flowers, with a color range no other annual can duplicate.

(1) Pompadour, T. P., 25c; $\frac{1}{4}$ oz., 65c; oz., \$2.00. (6) Azure Fairy, T. P., 15c; oz., 50c.
(2) Blue Cockade, T. P., 15c; oz., 50c; lb., \$6.00. (7) Shasta, T. P., 15c; oz., 50c.
(3) Orchid, T. P., 15c; oz., 50c. (8) Peachblossom, T. P., 15c; oz., 50c.
(4) Rosette, T. P., 25c; $\frac{1}{4}$ oz., 50c; oz., \$1.60. (9) Loveliness, T. P., 15c; oz., 50c; $\frac{1}{4}$ lb., \$1.80.
(5) Black Prince, T. P., 15c; oz., 50c. (10) Salmon Beauty, T. P., 35c; $\frac{1}{4}$ oz., 70c; oz., \$2.40.
Mixtures of above, Trade Pkt., 15c; oz., 60c; $\frac{1}{4}$ lb., \$2.20.

Filled by—

Filled by _____ Checked by _____

Packed by

Shipped by

Style of Package

Date _____

Book

Weight

You are Invited to Visit Vaughan's Trial Grounds

FLORISTS who visit Vaughan's test garden, or "trial grounds," from July 15 until killing frosts arrive will find there both a beautiful spectacle and a valuable source of trade information.

Hundreds of varieties of annual and perennial flowers are grown in carefully labeled rows, for the purpose of observation and comparison. All entries in the "All-America Trials" for new flowers are grown here each year. Many novelties not entered in this contest are also tested. Each year a different group of standard varieties is grown to see whether quality is being improved, as it should be with correct breeding methods; and above all to see which grower has the best strain.

Where several growers produce the same variety, one may progress faster, and his strain may far surpass others. By growing samples side by side, we determine the best source from which to buy.

The seedsman who insists that his list be comprehensive must cover the world in his search for new varieties.

Since 1884 we have kept intimate contact with flower breeders everywhere. Periodical trips abroad have been made through this half century, and since flower seed breeding developed on a large scale in our country, centering in California, trips of inspection to



View of Vaughan's Test Gardens, West 47th street and Willow Springs road, Western Springs, Ill., where more than 800 different annuals are grown, including All-America contest entries.

the growing fields have been made several times each year.

But the final test of a grower's reliability comes in the growing test in our trial grounds.

By this extreme and costly care we are enabled to offer our customers the "world's best flower seeds."

BUYERS: Give this Check List the "Once Over" When Ordering

ITEMS TO START IN JANUARY

FLOWER SEEDS

Acroclinium (for cutting)	
Agathaea (for cutting)	
Ageratum (Little Midget)	
Aloe Variegata (for pot culture)	
Antirrhinum (for cutting)	
Asparagus Sprengeri	
Plumosus Nanus	
Balsam (Bush var.) (for pot culture)	
Begonias	
Browallia (for pot culture)	
Calendulas (for cutting)	
Candytuft (for cutting)	
Campanula (Annual, for pot culture)	
Carnation (Annual, for plants)	
Centaurea Candidissima (Dusty Miller)	
Gymnocarpa (Dusty Miller)	
Cyanus (for cutting)	
Chrysanthemum (Annual)	
Cineraria Maritima (Dusty Miller)	
Clarkia (for cutting)	
Cobaea Scandens	
Coleus Glory	
Cuphea (for plants)	
Cynoglossum (for cutting)	
Dahlia Unwin (fine pot plants)	
(plant tubers for Mother's Day)	
Daisy Bellis (B)	
Dracaena Indivisa (for pot plants)	
Delphinium (P)	
Exacum (for pot culture)	
Gypsophila (Annual)	
Impatiens (Fine for Shade)	

Planted in January

Benching

Blooming

Culture

Planted in January

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ITEMS TO START IN MARCH—Continued.

Planted in March	Benching	Blooming	Culture
Antirrhinum	May 15	July & later	
Asters	May 15	July	Do not pinch.
Gerbera	Aug.	Oct.-June	Use fresh seed only.
Primula	May	Dec. 25	Do not use peat.
Zinnias	April	May 20-June	
Lilium Giganteum	March 1	June 1-10	Start 60°. Grow 65°-80°.
Lilium Giganteum	March 15	June 10-30	Start 60°. Grow 65°-80°.
Lilium Erabu			Better for cool growing than Giganteum.
Hardy Lilies			See January culture.
Primula Sinensis	May	April on in 5" pots.	
Begonias (bulbs)	March	June-Aug.	60°-65°.
Gloxinias (bulbs)	March	June-Aug.	60°-65°.

ITEMS TO START IN APRIL

FLOWER SEEDS

Asparagus Sprengeri	
Plumosus Nanus	
Asters	
Balsam Bush var.	
Calendula	
Celosia	
Centaurea Annual Sorts	
Cosmos	
Delphinium (P)	
Dianthus Annual Pinks	
Euphorbia Variegata (for cutting filler)	
Gaillardia (A)	
Gypsophila (A)	

Plant in April	Benching	Blooming	Culture
Annual Gypsophila	Flattened May 15	June-July	
Asters (late April)	June 1	July	
Lupinus	April	May 30	
Primula Obconica	June	Jan.-Feb.	Do not use peat.
Zinnias 1st	Early April	May 20-June 1	
Zinnias 15th	Late April	June 1-June 10	
Lilium Giganteum	April 1	July 1-15	Start 60°. Grow 65°-85°.
Lilium Giganteum	April 15	July 15-30	Start 60°. Grow 65°-85°.
Mums, R.C. & Poms	June	Oct.-Jan.	
Mums, R.C. & Poms	June	Dec.-Feb.	Lights started Aug. 10. Use strong growing var.

Garza and late Poms. R.C.

Late Mums R.C.

FLOWER SEEDS

Antirrhinum Ghse. var.	
Asparagus Plumosus	
Asparagus Sprengeri	
Calendula (outside for cut)	
Campanula medium sorts (B)	
Delphinium (P)	
Digitalis (B)	
Excavum (pots and combinations for Fall on)	

Plant in May	Benching	Blooming	Culture
Primula Obconica	July	Jan. & later	
Zinnias	Early May	June 10-20	
Lilium Giganteum	May 1	Aug. 1-10	Start 62°. Grow 65°-85°.
Lilium Giganteum	May 15	Aug. 10-25	Start 65°. Grow 70°-85°.
Hardy Lilies			See January culture.
Poinsettias			Make cuttings in July-Aug.

Garza & later Poms. R.C.

Late Mums

FLOWER SEEDS

Achillea (P)	Gloxinia
Alyssum Saxatile (P)	*Gaiillardia (P)
*Anthemis (P)	*Gypsophila (for cutting) (A)
Antirrhinum (Greenhouse var.)	*Helenium (P)
*Aquilegia	Helianthemum (P)
Arabis (P)	Heuchera (P)
Asparagus Plumosus	Lunaria (P)
Asparagus Sprengeri	*Lupinus (P)
*Asters (Wartburg Star) (P)	Lychnis (P)
Aubrieta (P)	*Matricaria (P)
Begonias (for Xmas plants)	Primula Chinese
Calceolaria	Primula Malacoides
Campanula Calycanthema (B)	Primula Obconica
Candytuft	*Pyrethrum (P)
*Carnation (P)	*Scabiosa (P)
Cineraria	Statice (P)
*Coreopsis (P)	Sweet Peas (early Flwg.)
Cyclamen	Viola Cornuta (B)
*Centaurea (P)	Wallflower
*Daisy Shasta (P) Single & Double	
*Delphinium (P)	
*Dianthus Barbatus (B)	
Digitalis (B)	
*Doronicum (P)	
Dracaena Indivisa	

Starred perennial varieties are valuable for cutting besides plant sales.

(A) means Annual; (B) means Biennial; (P) means Perennial.

Pinch to 3 or 4 sets of leaves, no higher to avoid spindliness.

Do not pinch.

Small pots outdoors bench in Sept.

Run rows N. & S. for winter bloom.

See Aug. culture.

Start 65°. Grow 70°-85°.

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Vaughan's Novelties and Specialties for 1940

AGERATUM King of the Blues. Excellent dwarf strain, flowers borne in clusters of deepest blue but stand out individually, showing up most effectively over the miniature foliage. **Trade pkt., 35c; 1/4 oz., \$1.00; oz., \$3.00.**

AGERATUM Midget Blue. This was awarded a silver medal in the 1938 All-America Trials but was withheld by the introducer until this year, as seed was limited. Midget Blue is a delightful little plant for edging, being uniformly dwarf and true to color from seed. The delicate fine foliage is practically smothered with small true Ageratum blue flowers. **Trade pkt., 50c; 1/4 oz., \$1.60.**

ALYSSUM Violet Queen. A new edging plant with a color peculiarly its own, being of a very pretty bright violet tint much deeper in color than the Alyssum Lilac Carpet offered previously. It has the usual honey-like odor of the white variety. **Trade pkt., 25c; 1/4 oz., 50c; oz., \$1.60.**

ANCHUSA Avalon Hybrids. Gracefully irregular with crosier-sprays of mellow cream, soft primrose, palest blue, azure, indigo, rose, pink, even carmine, in re-starring. Scarcely two flowers alike. **Trade pkt., 35c.**

ANTIRRHINUM RUST-PROOF STRAINS

By growing Rust-Proof seed, there is a better germination, plants are more vigorous, foliage remains clean and the flowers are large and of excellent color. There will be a longer flowering season as well.

Majus Grandiflorum Brilliant Rose. A good clear true rose-pink. The tube and lip are the same color, with faint yellow touch. **Trade pkt., 50c.**

Rosalie. A rich deep rose with underlying tone of topaz or amber. The tube and lip are the same color which intensifies the depth and richness. Plants base branching, producing 6 to 8 flowers on spike. **Trade pkt., 50c; 1/6 oz., 85c; 1/8 oz., \$1.50; oz., \$9.00.**

Maximum or Super Giants Pink Sensation. Pure pink, frilled flowers. **Trade pkt., 25c; 1/4 oz., 80c; oz., \$3.00.**

Super Majestic, Royal Crimson. **Trade pkt., 50c; 1/8 oz., \$1.00; 1/4 oz., \$1.75; oz., \$6.00.**

Shell Pink. **Trade pkt., 50c; 1/8 oz., \$1.00; 1/4 oz., \$1.75; oz., \$6.00.**

Giant Tall, Golden Rod. Plants are base branching, 26 in. tall, with many unusually thick, erect, well filled spikes of large, bright golden yellow flowers, the edges of which are delicately waved and crinkled. This gives an unusual frilled or fringed effect that is most pleasing. **Trade pkt., 50c.**

ANTIRRHINUM NON-RUST STRAINS

Little Giant. A pure silvery pink, plants about 15 inches tall and of true nanum habit. Almost majestic in size of flowers. **Trade pkt., 50c.**

Baby Rose. The plants are of real "baby" size, forming full round bushes covered with flowers of a deep pink self tint. Especially suited to the rock garden and for edging. **Trade pkt., 50c.**

ASTER Early Giant Rose Marie (Wilt-Resistant). A rich lively shade of rose. Flowers are fully petaled, with broad, graceful petals, daintily plumed and intertwined, and very large, 4-5 in. in diameter. While flowers resemble the Giants of California, the plants differ in that they are only 1 1/2 to 2 ft. tall, with branches coming low on the central spike. Only 6 to 8 flowers are produced on each plant. **Trade pkt., 50c.**

CALENDULA Sensation Improved. Dark orange, a greatly improved strain. **Trade pkt., 40c; 1/4 oz., 60c; oz., \$2.00.**

CALENDULA Yellow Colossal. Well formed bushy plants growing 18 inches high, loaded with extremely double clear bright yellow flowers 4 1/2 inches and more across. The lightest color in the lemon-yellow group. Fine for cut flower purposes as well as for use in the borders, edgings and beds. **Trade pkt., 50c.**

CARNATION J. M. Bridgeford (Malmaison). A truly giant type of the "Margaret" class, flowers 3-4 inches across, borne on stiff stems and of all tints known to date, yellow being prominent among them. Seed should be started indoors and seedlings will bloom in three months. **Trade pkt., 50c; 1/8 oz., \$1.00.**

CENTAUREA Cyanus Lilac Lady. Is a dwarf growing variety like the Jubilee Gem except in color which is a bright lilac mauve. It is useful as an edging plant or for clumps in borders. **Trade pkt., 25c; 1/4 oz., 50c; oz., \$1.80.**

COLEUS Glory. A mixture of colors never seen before, such as bronze, pink, apricot shades, cream, etc. A remarkably fine strain; it is unequalled for the beautiful form and coloring of its large leaves. Very highly recommended by the New York Florists' Variety Test Club. Sow seed January 1st for Memorial Day plants. "The Choicest Strain in the World." **Trade pkt., 75c; 1/6 oz., \$2.00; 1/2 oz., \$3.90.**

CUPHEA Avalon Hybrids. Compact plants which from a distance appear to be covered with fluttering bright hued butterflies. Comes in shades of lavender, lilac, pure pink, rose purple, crimson, fire-scarlet and vermillion with all possible intermediations. An annual of easy culture, likes sunny place and comes into bloom with speed. **Trade pkt., 75c.**

CYNOGLOSSUM Firmament. A new dwarf type of the Chinese Forget-Me-Not. 15 to 18 inches tall, bushy, of a rich blue color. Popular color in the garden; can also be used as a cut flower. Does not grow weedy or rank. **Trade pkt., 25c; 1/4 oz., 50c; 1 oz., \$1.60.**

DIDISCUS Coeruleus. Vaughan's Improved Wilt-Resistant Blue Lace Flower. An improved variety with flowers of a deeper blue and half again as large. Strong heavy stems, many measuring 18 inches from first joint with well shaped flowers measuring 2 1/2 to 3 1/2 inches in diameter. Sown in August, planted in shallow benches (8 x 8") in October, it will bloom late in February, fully five weeks in advance of its regular flowering period. Not over Carnation temperature needed. **Trade pkt., \$1.00; 1/8 oz., \$1.50; 1/4 oz., \$2.75; oz., \$10.00.**

FREESIA Hybrida Dalrymple Special Strain. Large sweet-scented flowers borne on long stems, in blue, lavender and many shades of yellow. **100 seeds, 65c; 1000 seeds, \$5.00.**

GODETIA Orange Glory. A break-out of Kelvedon Glory, the fiery orange-cerise tone in Orange Glory completely eclipses the salmon-orange of the older variety. Flowers are slightly smaller but produced in great profusion. **Trade pkt., 35c; 1/4 oz., 60c; 1 oz., \$1.80.**

IPOMOEA Early Scarlett O'Hara. Blooms earlier than the original strain and is more inclined to vine. **Trade pkt., 25c; 1/4 oz., 50c; oz., \$1.40.**

LACE VERBENA (Zaluzianskya Villosa). Individual florets grow about 1/2 inch across and are so shaped as to resemble a snow crystal; most interesting and unusual. They are of a pleasing lavender color distinctly set off by a star-like spot of orange at the center. Low spreading plants 8 in. high. Long blooming season. **Trade pkt., 35c; 1/4 oz., \$1.40.**

MARIGOLD

African Tall Double Fistulosa. 3 ft. An especially fine tall branching strain bearing enormous flowers of the quilled type.

Lemon Queen. Los Angeles Florist Strain All Double. **Trade pkt., 25c; 1/4 oz., 50c; oz., \$1.60; 4 oz., \$5.00.**

Prince of Orange. Los Angeles Florist Strain All Double. **Trade pkt., 25c; 1/4 oz., 50c; oz., \$1.60; 4 oz., \$5.00.**

Mixed All Double. Los Angeles Florist Strain. **Trade pkt., 25c; 1/4 oz., 40c; oz., \$1.30; 4 oz., \$4.00.**

French Dwarf Double Harmony Hybrids. The neat, dwarf, compact habit of the Hybrids, combined with the extremely early, free flowering character of the plants, makes this new dwarf Harmony Hybrid one of the outstanding introductions of the season. Flowers are of medium size, rather large for the French type, averaging 1 3/4 in. in diameter, and do not have the strong Marigold odor. Lovely golden orange shade, a distinct golden yellow and innumerable blotched and striped combinations of golden orange with maroon, and various shades of golden and lemon-yellow with the contrasting dark maroon. All the flowers have the familiar crested center flanked by several rows of broad guard petals. **Trade pkt., 25c; 1/4 oz., 70c; oz., \$2.40.**

Tom Thumb Golden Crown. This is a dwarf form of the well known Guinea Gold. Plants grow only 10 in. high with bright golden yellow flowers, flushed with orange and of the same elegant shape and firm substance, and are produced in great abundance, often 25 to 30 on a full grown plant. Fine for front row of border. **Trade pkt., 20c; 1/4 oz., 50c; oz., \$1.40.**

NASTURTIUM, Double Indian Chief. Dark foliage, resembling that of Single Fireball with vivid scarlet flowers, blooms sweetly scented and freely produced. **Oz., 30c; 1/4 lb., 80c; lb., \$3.00.**

NASTURTIUM, Double Golden Gleam. Special Selection. Earlier flowering with more petalage than original strain. **Oz., 10c; 1/4 lb., 30c; lb., \$1.00.**

PETUNIA

Hybrida Nana Compacta, Blue Ball. Velvety violet-blue color, excelling Blue Bird and Alderman by its earlier flowering habit, dwarfer and more erect growth. Trade pkt., 50c; $\frac{1}{4}$ oz., \$1.60; oz., \$5.00.

Blue Bird Light Selection. A very fine even mid-blue; varies a little in height. Trade pkt., 50c; $\frac{1}{16}$ oz., \$1.00.

Glow. Dwarf compact ball-shaped variety of bright carmine-red with lighter throat. Extremely free-flowering all season, of rich coloring, true and a wonderful variety for garden and commercial use. Trade pkt., 75c; $\frac{1}{32}$ oz., \$2.50; $\frac{1}{16}$ oz., \$4.50; $\frac{1}{8}$ oz., \$8.00; $\frac{1}{4}$ oz., \$15.00; oz., \$50.00.

Ladybird. One of the most outstanding of the dwarf Petunias. The habit is fine, the flowers of good size and the color a most brilliant red in this class of Petunia. Outstanding in our trial grounds. Trade pkt., 75c; $\frac{1}{32}$ oz., \$2.50; $\frac{1}{16}$ oz., \$4.50; $\frac{1}{8}$ oz., \$8.00; $\frac{1}{4}$ oz., \$15.00.

PEPPER Ornamental Variegated Leaved. An interesting novelty for Christmas pot plant. The leaves are conspicuously variegated with dark green, white and sometimes purple. The berries or fruits which are borne in clusters are dark green in the beginning but change to bright red in late autumn. Under proper protections both the beautifully variegated leaves and red berries keep well into late spring. Trade pkt., 25c; $\frac{1}{4}$ oz., 70c; oz., \$2.40.

PRIMULA Malacoides "Melody." This distinct novelty has a distinctive color, being a pure soft rose tinged salmon and without any lilac tint. The flowers are large, slightly fringed and are very freely borne on well shaped compact plants. Trade pkt., \$1.00.

PRIMULA Obconica Grandiflora "Dondo." The finest dark red, with astonishing freedom of bloom, 10 to 12 exceptionally large velvety red flowers in full bloom on each stem. Especially valuable for winter, as it holds its true deep color. Trade pkt., \$1.00.

RUDBECKIA Indian Maid (Annual). Starred, 3-4 in. flowers with a pronounced crown, rich brown center and golden tip. Some few flowers have semi-double or double rows of petals. The flowers are borne on long stems and freely produced. Trade pkt., 35c; $\frac{1}{4}$ oz., 65c; oz., \$2.00.

SALVIA Royal Blue. Annual Farinacea variety, growing erect and of more intense color than Blue Bedder. Fine bushy plants, nice long spikes for cutting, and true. Trade pkt., 50c; $\frac{1}{4}$ oz., \$1.45; oz., \$4.80.

STOCKS

Early Colonial. Blooms earlier than other branching types, grows 30 to 36 in. tall. The individual florets are 2 inches across and they form clusters or spikes 15 inches long. The percentage of double runs about 70%.

Mayflower. Red rose. **Puritan.** Pure white.
Each of the above, Trade pkt., 50c.

Non-Branching Column Gardenia. New. Flowers purest white. Trade pkt., \$1.25; $\frac{1}{8}$ oz., \$2.50; $\frac{1}{4}$ oz., \$4.50.

VERBENA

Cyclops Type. Romeo and Juliet. The flower-heads of this new strain are large, almost globular. The single flowers are equal in size to those of the regular Mammoth Strain. Each flower has a large white eye contrasting pleasingly with the red and blue of the flowers. The habit of the plant is upright not sprawling.

Geranium Red with White Eye. Vivid bright color.

Dark Blue with White Eye. An especially beautiful contrast with the white eye.

Mixed.

Each of the above, Trade pkt., 50c.

Fern Leaved Verbena (V. Bipinnatifida). The flowers are produced in great abundance and of the most pleasing clear lavender. A most dependable all-summer and fall bloomer and an outstanding flower in our trial grounds. Trade pkt., 35c; $\frac{1}{16}$ oz., \$1.00.

VIOLA Cornuta King Henry. Flowers small but perfect in form and 100% true. Rich violet-purple with small yellow eye. Compact habit, forming cushion of green covered with flowers on short wiry stems. Trade pkt., 50c; $\frac{1}{8}$ oz., \$1.00.

ZINNIA All Giant Indian Summer Mixed. Only the bright warm colors of the Dahlia flowered and California Giants are included in this mixture. The colors are scarlet, orange, yellow, white, cherry and salmon-rose; as rich and mellow as a maple grove in autumn. No magenta, lavender, or pale pink. A harmonious blend of dazzling brilliance without a trace of harshness. Trade pkt., 25c; $\frac{1}{4}$ oz., 50c; oz., \$1.60.

Perennial Seeds for 1940

AQUILEGIA

Long Spurred Blue Shades. Special Selection. A very fine strong growing variety with attractive flowers of various shades of blue. The long spurred varieties are not only very elegant as cut flowers, but are of great beauty and utility in beds. Trade pkt., 50c; $\frac{1}{8}$ oz., \$1.00.

Longissima Hybrids. A new race of Columbines obtained by cross-fertilization of Longissima and Mrs. Scott Elliott strain. These new hybrids contain all the beautiful hues of red, blue, white, rose, etc., of the latter with the unique length of the spurs of the Longissima. Trade pkt., 50c.

ARABIS Spring Charm. Flowers of an intense carmine, an attractive low growing bushy subject for rockeries and similar locations. It will serve as a good color foil for the White Arabis in the cool weather of early spring. Trade pkt., 50c.

BELLIS Double Long Stemmed Excelsa. Large flowers with their strong eight inch stems make this dainty English Daisy fine cut flower material, excellent for corsages, baby crib and table decoration. May be had in rose only. Trade pkt., 50c; $\frac{1}{8}$ oz., \$1.50.

DELPHINIUM

PACIFIC GIANT (Vetterle & Reinelt). This new strain produces plants that are 60 to 65 percent mildew-resistant. The flowers are of immense size, tightly set on straight stems that are strong and whippy. The flowers do not shatter and represent a truly outstanding addition to the cut flower market.

Blue Jay. Medium to dark blue with dark bee. Trade pkt., \$1.25; $\frac{1}{8}$ oz., \$3.00.

Guinevere Series. Light pink lavender self with white bee. Individual florets $2\frac{1}{2}$ -3 inches in diameter, large spike. Excellent branching habits, for cut flower and show purposes. Trade pkt., \$1.25; $\frac{1}{8}$ oz., \$2.50; $\frac{1}{4}$ oz., \$4.00; 1 oz., \$14.00.

King Arthur Series. Brilliant royal violet with large white bee, flowers $2\frac{1}{2}$ in. in diameter, thin woody stems with small foliage. 50-70% mildew-resistant. Trade pkt., \$1.25; $\frac{1}{8}$ oz., \$2.50.

Summer Skies Series. Clearest light blue with white bee. Individual florets $2-2\frac{1}{2}$ inches in diameter with woody stems with very strong branching habits. Trade pkt., \$1.25; $\frac{1}{8}$ oz., \$2.50; $\frac{1}{4}$ oz., \$4.00.

Galahad Series. Clear white, flowers averaging 3 inches in diameter of very heavy glistening texture, pyramidal spikes with well spaced flowers, of good branching habit, strong whippy stems. Trade pkt., \$2.00; $\frac{1}{8}$ oz., \$4.00; $\frac{1}{4}$ oz., \$7.00; $\frac{1}{2}$ oz., \$13.00; 1 oz., \$24.00.

DIANTHUS Barbatus Homeland. Dark red with large sharply defined clear white center. Trade pkt., 75c.

HOLLYHOCK Double Orange Prince. Flowers are wavy buff yellow, with wine-red suffused over lower half of flower. Trade pkt., 35c; $\frac{1}{4}$ oz., 60c; oz., \$1.80.

LIATRIS Scariosa Autumn Spire. Graceful spikes of a lovely rosy purple color. Flower stalks $2\frac{1}{2}$ -3 ft. with flower-heads 18 to 24 in. long, tapering from about 4 in. at bottom of flower-head to 12 in. at top. Start flowering about September 15th. They stand up in good condition for weeks as cut flowers. This variety sold in a very dull period in the New York Wholesale Market at 50 to 75c a dozen spikes. Trade pkt., 50c; $\frac{1}{8}$ oz., \$1.25.

LIATRIS Scariosa Alba. Attaining a height of 3 ft., its stout spikes of pure white blossoms are excellent for cut flower purposes. Trade pkt., 50c; $\frac{1}{4}$ oz., \$1.75; oz., \$6.00.

PAPAVER Nudicaule Cardinal. In the Iceland Poppy varieties the red color was missing. As indicated by the name, the color is beautiful clear brilliant cardinal-red. The flowers are carried on long and strong stems. Cut in bud-stage, the flowers will keep for a long time and furnish beautiful material for cutting and decoration. Trade pkt., 35c.

PHYSALIS Gigantea. The attractive orange scarlet balloon-shaped seed pods are very large and will make excellent winter decorations. Trade pkt., 35c; $\frac{1}{8}$ oz., \$1.00.

SCABIOSA Webbiana. Large fluffy flowers of pure true cream, splendid hardy variety always in bloom. Cuts well. Neat foliage, blooming June to November. Trade pkt., 35c; $\frac{1}{4}$ oz., 90c; oz., \$3.20.

Caughan's The World's Best Flower Seeds

Seeds supplied to florists by Vaughan's Seed Store are gathered from all over the world, each from that section where either the experience of the grower or conditions of soil and climate, or both of these factors, produce the best seed of its kind.

Seeds cannot be judged, as are most other goods, by inspection. Little can be told about the flowers they will develop from any test of the seeds themselves except the test of growing; each year we make hundreds of flower trials in our own greenhouses as additional check-ups. We purchase seed only from growers whom we know to be experienced and reliable; and you must depend upon our ability, experience and integrity.

Seed buying requires that we keep in constant touch with our growers throughout the world, and check the seeds we buy of them constantly.

Carl Cropp, vice-president of Vaughan's Seed Store since 1884, and his son Carl Jr. each made a trip of inspection to the California flower seed farms at different seasons last summer and passed much of the summer in checking trials in our extensive test garden at Western Springs, Ill. Here were grown hundreds of tests as well as the All-America trials of new introductions, of which Mr. Cropp is one of the judges.

Neither time nor expense is spared to insure that we can offer to our customers the best seeds obtainable in the world.

TESTING AND TRIALS

Every lot of flower seed sold by us is tested in OUR OWN laboratory, where we prove the germination and make certain that the percentage is up to the high level of our standards. Trueness to type is determined and checked by the hundreds of tests grown in our greenhouses and trial grounds. This summer we conducted a series of approximately eight hundred trials of various varieties further to check on the reliability of our seed.

Flower Seeds for Summer Sowing.—We issue a special catalogue in June. Should you fail to receive one, please write for it.

For Seeds of Perennials and Biennials, see pages 34 to 47.

Trade packets contain considerably more seed than ordinary or retail packets, being based on Florists' needs for ordinary purposes.

Florists invariably get trade packets unless otherwise specified.

Quantities of $\frac{1}{4}$ lb. and over are charged at the pound rate; unless stated otherwise, $\frac{1}{8}$ lb. is at the oz. rate; $\frac{1}{2}$ oz. is at the ounce rate only when the price per ounce is 20c or more and $\frac{1}{2}$ oz. rate is not otherwise quoted.

We do not sell $\frac{1}{2}$ oz. where the price per ounce is 15c or less.

Cash Discounts on Flower Seeds: On all orders for flower seeds totaling less than \$25.00, 5%, and over \$25.00, 8%, may be deducted if cash is enclosed.

	Trade pkt.	Oz.
Abronia Umbellata (Sand Verbena). Rose, 10 in....	\$0.10	\$0.50
Abutilon (Flowering Maple). Hybridum Maximum, bloom in six months from time of sowing, very large flowers in various shades.....	$\frac{1}{8}$ oz.	\$1.20 .35
Achimenes Mixed. Greenhouse pot plant. Flowers tube-shaped in many attractive colors. Fine for hanging baskets and pot plants.....	500 seeds	1.00
Acrolinium Double Giant Mixture. Excellent fresh cut flower. When used for winter bouquets, cut when buds begin to open.....	lb., \$8.00	.15 .80
Adonis Aleppica. Large shining deep blood-red flowers, lively green feathery foliage. 2 $\frac{1}{2}$ ft....	$\frac{1}{4}$ oz., 70c	.30 2.40
Agapanthus Umbellatus (Blue Lily of the Nile). Does well out of doors in all southern states....	$\frac{1}{4}$ oz., 65c	.35 2.20

Ageratum

Sow seed early to have good sized plants for spring. Plants from seed will vary some in habit.

Mexicanum. Blue, for cutting. 2 ft.....	.10	.40
Album White, 2 ft.....	.10	.40
Blue Ball. Fine dwarf rich blue variety.....	.15	.80
Blue Cap Reselected. Dwarf compact habit with larger flowers than Little Blue Star and deeper in color. Very uniform.....	$\frac{1}{4}$ oz., \$1.00	.35 3.00
Fairy Pink. Dwarf and compact habit, flowers delightful soft salmon-rose.....	$\frac{1}{4}$ oz., \$1.50	.50
King of the Blues. Excellent dwarf strain, flowers borne in clusters of deepest blue but stand out individually, showing up most effectively over the miniature foliage.....	$\frac{1}{4}$ oz., \$1.00	.35 3.00
Little Blue Star. Tiny bushes, flowers light blue with red center, 4 in.....	$\frac{1}{4}$ oz., 60c	.25 2.00
Improved Blue Perfection. Deep and rich blue....	.20	1.00
Little Silver Star. Silver grey star-like flowers, 4 in.	.25	2.20



AGERATUM Blue Cap Reselected.
Trade pkt., 35c; $\frac{1}{4}$ oz., \$1.00; oz., \$3.00.

AGERATUM MEXICANUM—Continued.

	Trade pkt.	Oz.
Midget Blue. A delightful little plant for edging, being uniformly dwarf and true to color from seed. The delicate fine foliage is practically smothered with small true Ageratum blue flowers.....	$\frac{1}{4}$ oz., \$1.60	\$0.50 .10 .20
Venus, Pink. 6 in.....	$\frac{1}{4}$ oz., 50c	.25 \$1.80
Lasseauxi. Clear pink, excellent as cut flowers, 2 ft..	.20	1.40
Agrostemma Coeli-Rosa (Rose of Heaven). Rose, 12 in.	.10	.20
Aloe Variegata or "Tiger-Aloe," the finest and most favored quick-growing succulent with beautifully variegated leaves. 100 seeds, \$1.25; 1000 seeds, \$9.00.		
Alyssum Maritimum (Sweet Alyssum). 10 in., lb., \$1.80	.10	.20
Snow Cloth. A special selection, each plant absolutely flat and a compact mass of white without green center. This is, without question, the finest strain obtainable. This variety comes into bloom two weeks earlier than other varieties...lb., \$8.00	.15	.80
Compactum Lutescens. Straw yellow, 6 in.....	.10	.40
Vaughan's Little Gem. This is a special strain of extra dwarf, flat plants—ideal for edging and will give you 100% customer satisfaction. 4 in.....		
lb., \$6.00	.15	.60
Violet Queen. A very pretty bright violet tint, much deeper in color than the Alyssum Lilac Carpet offered previously. It has the usual honey-like odor of the white variety.....	$\frac{1}{4}$ oz., 50c	.25 1.60
Amaranthus Molten Fire. Fiery crimson and maroon.....	$\frac{1}{4}$ oz., 25c	.15 .80
Salicifolius (Fountain Plant). Green with bronze, tops blood-red, showy, 30 in.....	.15	.60
Ammobium Alatum Grandiflorum. White. 18 in.	.10	.30
Anagallis Grandiflora Coerulea. Dark blue. 10 in....	.15	.60
Grandiflora, Mixed. Rich and showy.....	.15	.50
Scarlet (Scarlet Pimpernel). .15 .80	$\frac{1}{4}$ oz., 25c	.15
Anchusa Capensis , Blue Bird. Vivid indigo, 18 in....	.15	.50
Angelonia Grandiflora. Lilac, white tigered throat, fragrant, 3 ft.....		
	.35	....

« « Vaughan's "SNAPS" For Greenhouse Forcing » »

Snapdragon being one of the leading Florist Greenhouse crops, we have followed very closely the development of the Winter Flowering or Forcing type and offer the following approved varieties.

SPECIAL OFFER—WHERE PRICE IS:

\$1.00 per pkt., we supply any 3 for \$2.50; any 5 for \$3.50; any 7 for \$4.55

\$1.50 per pkt., we supply any 3 for \$4.00; any 5 for \$6.50

\$2.00 per pkt., we supply any 3 for \$5.00; any 5 for \$7.50

NOTE: Combination prices apply to orders for one or more varieties.

Varieties preceded by a star (*) are best for early winter flowering.

Varieties followed by a cross (X) we can supply in $\frac{1}{2}$ trade pkts. at 60c each.

	Trade pkt.
*Afterglow. Golden bronze X	\$1.00
Bertha Baur. Superseded by Schumann's Lavender.	
Celestial (Witterstaetter). Yellow, long stemmed and large-flowered	1.00
*Ceylon Court. Canary yellow. The best early yellow—our introduction X	1.00
Cheviot Supreme Appleblossom (Windmiller). In color it resembles Verbena May-flower. In late spring the color deepens to salmon-rose. Does not shatter	2.00
Cheviot Maid Pure White (Yoder). Flowers well placed	1.00
Cheviot Maid Yellow (Volz)	1.00
*Cheviot Maid, Supreme. Deep rose-pink X	1.00
Christmas Cheer. A shade lighter than Rose-Pink Supreme, free blooming, excellent stem and flower spike	2.00
Coate's Yellow Perfection. Deep golden yellow	1.00
Cornwallis. A beautiful bright rose-pink, two shades brighter than Rose Queen	1.50
Daybreak (Breitmeyer). Strong, vigorous pink. Same shade as the Rose Briarcliffe. Heavy winter producer	1.00
*Ethel (Kramer). Is a large, bright yellow flower, winter bloomer, well formed head, good stems, easy to grow, early and shatterproof	2.00
Gilbert's Pink Queen Supreme. This is several shades deeper than Cheviot Maid Supreme and is particularly noted for the fact it produces perfect flower-heads	1.50
*Glorious (Frank). A highly attractive reddish copper with yellow lip	2.00
Gorgeous (McFarland). Outstanding new yellow, slightly lighter than Coate's Yellow. Large individual flowers forming spikes 15 to 20 inches long. Excellent for use after Mums. Sow after August 15th	2.00
Hodaly's Ideal. Color, a blend of carmine rose shading into rich orange, tipped with lemon-yellow. Lips golden yellow, slightly suffused with carmine, white throat. Good grower, strong stiff stem, well supplied with heavy luxuriant foliage. Large flowers, well formed heads. Winter-flowering strain, blooming in four months from seed. First Prize Winner at the 1939 Chicago Flower Show	2.00
Kirkwood Beauty. Bronze with a cast of gold—a striking color	1.00
La France (Windmiller). A strikingly beautiful soft rose-pink	2.00
*Lucky Strike. Well known pure white, grows three to four feet with splendid full spike of flowers; does not drop or shatter; plant early for winter blooming X	1.00
Marie Louise (Raasch). Beautiful sea-shell pink. Strong and free-branching, producing long strong stems with compact flower spikes, with flowers closely set	2.00
Marion Golden (Schumann). Yellow	1.00
Marion White (Schumann). A real white, large close flowering spike on a strong, sturdy stem, throwing small foliage	1.50
*Miss Wooster (De Witt). The color is a dazzling rich dark bronze. Early blooming; the heads of blooms are very large and compact. It is an ideal shipping variety	1.00
*Naomi (Michell). Early everblooming giant-flowered—brilliant rose-pink with a light touch of yellow on upper lip	2.00
New Cincinnati. The finest light rose	1.00
New Dawn (Thomson). A golden orange, very effective in either daylight or artificial light. A quality Snap; very pleasing color; a fine seller; a continuous bloomer	1.00
*New Deal. Very early, fragrant, golden bronze	1.00
*Peggy Schumann (Schumann). A new medium pink, a large close-flowering spike on a strong, sturdy stem; will not shatter and produces no blind shoots. An early bloomer Radiance (Thomson). A lovely, deep pink	2.00
Roman Gold. A deep golden yellow with a lip a lighter yellow X	1.00
*Rose-Pink Cheviot Supreme (Fred Windmiller). This is a true Cheviot Maid, a single plant selection for early flowering, carrying its color well in dark winter weather and coming almost 100% true to type. $\frac{1}{2}$ trade pkt., \$1.00	1.50
Rose Queen (Witterstaetter). Dark pink X	1.00
Royal Gold (Schumann). An orchid flower, the face old gold, the upper lip shading from gold to orchid	1.50
Schrock's Orchid. True orchid color with exceptionally long and beautiful spikes	1.00
Schumann's Lavender. Produces a strong, sturdy stem with a spike of large moderately close flowers. An early variety that will not shatter. For best results it must be pinched low while still in small pots	3.50
Schumann's Yellow. A strong, sturdy stem, well balanced flowers, an early variety and will not shatter. Pinch low	3.50
Snow White (Windmiller). Pure white. Excellent white for Easter and later	2.00
*Sunlight. Improved New Deal, finest early golden bronze	1.00
*Suntan. Rose shade of tan with tinge of yellow on lip X	1.00
Talisman. Semi-double flowers of the same shade as the Rose	2.00
Terry's Surprise, Improved. Pink and bronze shades	1.00
Velvet Beauty. Rich American Beauty red in color	1.00
Westover's Fringed White	1.00
*White Prosperity. A pure white	1.00
White Wonder (Bezdek). A fine pure white	1.00
Winter Helen. Lovely salmon-pink, early and winter bloomer	1.00
Greenhouse Varieties Mixed, with pinks predominating .....	.75



HODALY'S IDEAL

ANTIRRHINUM—Continued.

"Majestic" Half Dwarf Sorts

A new type of Snaps, with flowers of the Maximum sorts and height of the "Half Dwarfs."	An exceptionally good variety for plant sales and bedding work.	Trade pkt. Oz.
Avalanche. Pure white.	1/4 oz., 80c	\$0.25
Celestial. Salmon-rose flowers on broad compact 10 in. spikes. Award of Merit 1938 All-America.	.50	...
Delight. Pink and apricot.	.25	...
Eldorado. Rich deep golden yellow.	1/4 oz., 50c	.25
Evensong. Chamois pink.	.25	...
Golden Dawn. Golden buff, overlaid salmon	1/4 oz., 50c	.25
Orange King. Rich orange.	1/4 oz., 50c	.25
Red Chief. Rich deep scarlet.	1/4 oz., 60c	.25
Rose Beauty. Rose-pink self.	1/4 oz., 60c	.25
Rosella. Rich glowing rose.	.25	...
Rose Marie. Light salmon, gold center.	1/4 oz., 60c	.25
Twilight. Delicate rosy salmon.	1/4 oz., 60c	.25
Majestic Varieties, mixed.	1/4 oz., 50c	.25

Maximum Giant-Flowered

The flowers are of magnificent size, the individual flowers being 2 to 2 1/2 inches wide on long sturdy stems that are fine for outdoor cut flowers.

	Trade pkt.	Oz.
Appleblossom. Rosy pink; white tube.	1/4 oz., 35c	\$0.15
Bunch of Lilacs. Lilac-purple.	1/4 oz., 40c	.15
Canary Bird. Canary-yellow.	1/4 oz., 40c	.15
Copper King (Indian Summer). Copper shades.	1/4 oz., 40c	.15
Defiance. Scarlet.	1/4 oz., 40c	.15
Golden Queen. Yellow with rosy lilac throat.	1/4 oz., 40c	.15
Old Gold. Beautiful art shade.	1/4 oz., 40c	.15
Purple King. Rich, velvety purple.	1/4 oz., 40c	.15
Ruby. Rich, velvety ruby-red.	1/4 oz., 40c	.15
Snowflake. White.	1/4 oz., 40c	.15
The Rose. Pure rose.	1/4 oz., 40c	.15
Wallflower colors.	1/4 oz., 40c	.15
Maximum. Many kinds, mixed.	oz., \$1.20; 1/4 oz., 40c	.15

Large-Flowering Half-Dwarf Sorts

Plants of medium height for bedding.

	Trade pkt.	Oz.
Black Prince. Deep crimson.	1/4 oz., 40c	\$0.15
Bonfire. Orange buff. (Defiance)	1/4 oz., 35c	15
Canary Bird. Lemon-yellow.	1/4 oz., 35c	15
Defiance. Brilliant scarlet.	1/4 oz., 35c	.15
Dorothy Silk. Flowers are fiery terra-cotta with a white throat.	.35	...
Empress. Rich velvety crimson.	1/4 oz., 35c	.15
Flame. Improved Defiance.	1/4 oz., 50c	.25
Gloria. Rich, deep rose-pink.	1/4 oz., 45c	.25
Golden Monarch. Good yellow.	1/4 oz., 35c	.15
Golden Queen. Yellow.	1/4 oz., 35c	.15
Guinea Gold. Glowing bronzy orange-yellow throat.	.50	...
His Excellency. Purest scarlet.	1/4 oz., 35c	.15
Little Giant. Pure silvery pink, plants about 15 inches tall and of true nanum habit. Almost majestic in size of flowers.	.50	...
Nelrose. Rose-pink.	1/4 oz., 35c	.15
Prima Donna. Terra-cotta pink, suffused primrose, excellent for florist's use.	1/4 oz., 35c	.15
Red Emperor. Rich deep scarlet, compact habit.	.25	...
Vaughan's Special Mixture, semi-tall sorts.	1/4 oz., 45c	.25
Vaughan's Florists' Mixture of Outdoor Cut Flower Varieties. All kinds.	1/4 oz., 40c	.25
		1.40

Dwarf Sorts

Trade pkt. Oz.

Tom Thumb. Sow some dwarf Snapdragon in February. By the middle of May they will develop into heavy 2-inch pot plants with 6 or more flower spikes, if you will grow them in 50 deg. house and shift and pinch a few times. The plants will sell themselves and they can be produced practically without cost. 6 in.		
The Tom Thumb Antirrhinums always give a small proportion of taller plants, which can be very easily eliminated in planting them out.		
Baby Rose. Very free flowering, compact plants covered with flowers of a deep, pink self tint. Much deeper in color than the Magic Carpet.	\$0.50	...
Fireball.	1/4 oz., 50c	.25
Pinkie. Pure pink.	1/4 oz., 50c	.25
Pink Gem. Profuse bloomer.	.35	...
		\$1.80

ANTIRRHINUM DWARF SORTS—Continued.

	Trade pkt.	Oz.	
Niveum Snow Queen. Snow-white.	1/4 oz., 50c	\$0.25	\$1.80
Yellow.	1/4 oz., 50c	.25	1.80
Roseum rose.	1/4 oz., 50c	.25	1.80
Mixed, all colors, each.	1/4 oz., 40c	.20	1.60
Rock Hybrids, Mixed. Very charming, compact little plants, 4 to 6 inches high, covered with small flowers of various pretty colors.		.25	...
Pink Gem.		.35	...
Magic Carpet. A snapdragon of almost creeping habit, fairly covered during the summer with delightful soft pink flowers. Useful for border or rock garden	.50	...	

Antirrhinum Rust-Proof Strains

By growing Rust-Proof seed, there is a better germination, plants are more vigorous, foliage remains clean and the flowers are large and of excellent color. There will be a longer flowering season as well.

MAJUS GRANDIFLORUM 2 1/2 ft.

	Trade pkt.	Oz.	
Brilliant Rose.		\$0.50	
Daintiness. Rose-pink, white throat.	1/4 oz.	\$1.00	.35
Opal Queen. Beautiful shades of pink tinged with salmon and with an overlay of apricot. A pale yellow nose emphasizes the striking beauty of this color combination.	1/4 oz., 75c	.25	\$2.60
Orange Shades.	1/4 oz., \$1.00	.35	...
Rosalie. A rich deep rose with underlying tone of topaz or amber. The tube and lip are the same color, which greatly intensifies its depth and richness. The plants are base-branching and produce 6 to 8 huge flowering spikes.	1/16 oz., 85c; 1/8 oz., \$1.50	.50	9.00
Salmon-Pink.		.50	...
Shasta. Pure white, extra free flowering.	1/4 oz., 75c	.25	2.60
Stoplight. A vivid red self, both flower and tube being one solid color. The individual flowers are large and closely set. A fine bright red for any purpose.	1/4 oz., \$1.00	.35	...
Yellow Jacket. A clear deep yellow.	1/4 oz., \$1.00	.35	...
Vaughan's Majus Grandiflorum Mixture. A truly outstanding blend.	1/4 oz., 75c	.25	2.40

SUPER MAJESTIC

Rose Sensation.	It is our richest, most charming shade of rose-pink with just a touch of salmon to add to its appeal. The individual flowers are huge, both tube and flower being one solid rose color.
Trusses are immense and finely tapered.	1.00
Orange Shades.	Ranging from light to deep orange.
	1/8 oz., \$1.00; 1/4 oz., \$1.75
Red Rocket.	Bright red.
Royal Crimson.	1/8 oz., 1.00; 1/4 oz., 1.75
Shell Pink.	1/8 oz., 1.00; 1/4 oz., 1.75
Silver Pink.	1/8 oz., 1.00; 1/4 oz., 1.75
Vaughan's Super Majestic Mixture.	This wonderful mixture contains all of the above varieties plus many other pleasing combinations. An outstanding blend.
	1/8 oz., \$1.00; 1/4 oz., \$1.75

MAXIMUM OR SUPER GIANTS

Alaska. White.	Golden Glory. Deepest yellow.
Autumn Glow. Copper shades.	Indian Summer. Coppery rose scarlet.
Campfire. Pure luminous scarlet.	Loveliness. Pure soft rose-pink.
Canary Yellow.	Paradise Rose. Salmon.
Copper King. Shining copper color.	Pink Sensation. Pure pink, frilled flowers.
Daffodil. Beautiful two-tone yellow.	Red Cross. Glowing velvet crimson.
Fair Lady. Silver pink, white tube and yellow tip on lip.	White Spire. Compact plant, pure white flowers.
Each of the above.	1/4 oz., 80c
Golden Rod. Bright golden yellow waved flowers, strong grower.	.25
Swing Time. Rose-pink.	1/4 oz., \$1.20
Vaughan's Maximum Mixture.	Contains all of the above in finely proportioned blend. Individual flowers are large, with heavy flower spikes. Especially recommended for outdoor cutting and flat sales.
	1/4 oz., 60c

Vaughan's Wilt-Resistant Asters

Asters have been widely attacked by the Fusarium Wilt, which condition has been overcome in growing the Wilt-Resistant Strains, which, although grown in infected soil, proved immune to the disease. Aster Yellows is also an enemy. This has been found to be transferred to the plants by tiny insects called leaf hoppers, and the only way to overcome this is to grow the plants under a cloth cover.

As the roots of Asters are produced near the surface, a mulch of some kind spread over them in hot weather is very beneficial and will be repaid by fine plants, large blooms, stronger stems, and more profuse blooming.

ASTERMUM—2 feet

The plants are of strong upright growth with 12 to 15 strong stems 20 inches long, each carrying a flower of perfect form.

White, Lavender or Rose-Pink.

	Trade pkt.	Oz.		
Each of above.....	1/4 oz., 50c	\$0.30	\$1.80	
Mixed, three varieties.....	1/4 oz., 50c	.25	1.60	

AURORA

Golden Sheaf, yellow self. A splendid free-flowering aster, with large full flowers, quilled centers and outer band of broad petals. Height, 2 ft., fine for cutting. Trade pkt., 30c; 1/4 oz., 50c; oz., \$1.80.

CREGO—2 feet

This flower is giant in size, many blossoms six inches across. The petals are nearly double the length of the older varieties and are twisted and curled into a very fluffy effect. Comes into bloom in August, continuing well into September. A splendid keeper and shipper. Azure Blue Deep Rose Lavender Salmon-Pink

Blue Flame	Enchantress	Pink	Violet	
Crimson	(Salmon-rose)	Purple	White	

Trade pkt. Oz.

Each of the above.....	1/4 oz., 50c	\$0.30	\$1.80	
Crego Mixed, all colors.....	1/4 oz., 45c	.25	1.50	

EARLY BEAUTY—2 to 3 feet

Plants of branching habit, commencing to bloom in early September and lasting until destroyed by frost. Flowers large, borne on long and stout stems, from 18 to 24 inches.

Azure Blue Black Prince (deep marine violet) Crimson

Carmine Rose Purple

White September Beauty

Trade pkt. Oz.

Each of the above.....	1/4 oz., 50c	\$0.30	\$1.80	
Mixed, all colors.....	1/4 oz., 45c	.25	1.50	

GIANT BRANCHING

Excellent for cut flowers. The branching habit is accompanied by vigor of growth and profusion of bloom. The flowers are large, very double, stems long and colors vivid. 2 to 3 ft.

Crimson Pink Sensation (deep red)

Deep Rose Purple White

Trade pkt. Oz.

Each of the above.....	1/4 oz., 50c	\$0.30	\$1.80	
Mixed, all colors.....	1 lb. \$12.00	1/4 oz., 45c	.25	1.40

THE ROYAL—2 feet. Early-Flowering Branching

This type fills a gap between the Queen of the Market and the Late-Flowering Branching Asters. Sown early inside, and planted out with Queen of the Market, it follows that variety very closely.

Dark Lavender Rose-Pink

Peachblossom Shell Pink

Purple White

Trade pkt. Oz.

Each of the above.....	1/4 oz., 50c	\$0.30	\$1.80	
Mixed, all colors.....	1/4 oz., 45c	.25	1.50	

QUEEN OF THE MARKET—18 inches

The Standard Early-Flowering Type

Crimson Dark Blue Flesh Pink

Light Blue Scarlet White

Trade pkt. Oz.

Each of the above.....	1/4 oz., 50c	\$0.30	\$1.80	
Mixed, all colors.....	1/4 oz., 45c	.25	1.50	

OTHER VARIETIES

Ball White. Early. Selection for resistance has not left this quite so large and fine as the original, but a very excellent white-flowering. Sept. 5-10.

Ball White. Late. Typical American branching type and habit. Fine long stem and size. The best American Branching strain in white, following in flowering season Ball White Early. Sept. 10-15.

Ball Phlox Pink. Fairly light rose-pink, an especially attractive commercial color, with perfect American Branching habit and form. Sept. 5-10.



ASTER GIANT BRANCHING

Ball Deep Rose. Extra bright shade of deep rose with attractively incurved petals, medium size, extra long stem and highly resistant. August 20 - Sept. 1.

Ball Deep Purple. Attractive bright deep purple; in flowering season and long stem, this is an exact duplicate of Ball Deep Rose. The crop of both these fine Ball varieties is cut out before the main midseason supplies are ready. August 20-Sept. 1.

Each of above 5 varieties, trade pkt., 30c; 1/4 oz., 50c; oz., \$1.80.

Trade pkt. Oz.

California Giant, Purple..... 1/4 oz., 70c \$0.35 \$2.40

EARLY GIANT

The flowers are full petaled with broad, graceful petals, daintily plumed and intertwined, very large, 4 to 5 inches across. Plants 1 1/2 to 2 ft. tall with branches coming low on the central spike. There are practically no laterals or side branches. Early blooming, coming into flower four to six weeks earlier than the Giants of California, that is, during early to mid-August. An exceptional new class.

Trade pkt. Oz.

Light Blue..... 1/4 oz., 70c \$0.30 \$2.40

Peachblossom. Opens white, flushes lavender pink. .50

Rose Marie. Rich lively shade of rose, new..... 50

Giant Mammoth Peony Flowered, Silvery Rose.

Immense, fully double flowers resembling the Beauty type, borne on long, stout non-lateral stems. Grow 2 1/2 to 3 ft. tall. An attractive variety with its rich rose silver tipped flowers.....

Tr. pkt. Oz.

1/4 oz., 65c \$0.35 \$2.20

Giant Comet, Mixed..... 1/4 oz., 45c .30 1.50

Illusion. Soft pastel shade of apricot pink. 1/4 oz., 50c .30 1.80

Heart of France. Glowing ruby-red..... 1/4 oz., 50c .30 1.80

King. All colors mixed. Flowers, large and full, needle-like strong petals. August.....

1/4 oz., 50c .25 1.60

Ostrich Feather Mixed, all colors..... 1/4 oz., 50c .25 1.60

ASTERS IN MIXTURE

Vaughan's Florists' Mixture. Wilt-Resistant Varieties. Perfectly balanced mixture of best commercial colors.....

1/4 oz., 50c .25 1.60

Vaughan's Special Mixture of Wilt-Resistant Varieties. This is a mixture of the most beautiful and distinct colors of the tall-growing Asters. 1/4 oz., 70c .30 2.40

Wilt-Resistant Single Chinese. Plants 1 1/2 to 2 ft., flowers daisy-like, petals wide and closely placed, blooms in late August.

Carmine Rose Lilac

Dark Blue Marechal Joffre (dark scarlet)

Rose Lavender (light blue) White

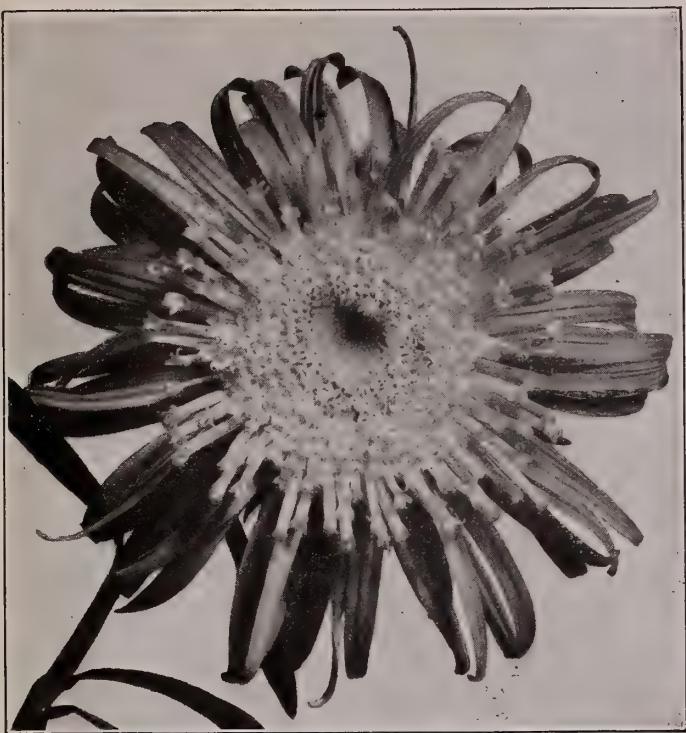
Each of the above.....

.15 .60

Mixed, all colors.....

.15 .60

Standard Bred Asters—Continued



ASTER CALIFORNIA GIANT SUNSHINE

CALIFORNIA GIANT SUNSHINE

These are the result of a cross between the California Giants and Sunshine, hence the name. Plants of this new race grow 3 feet high and bear blossoms on long, stiff stems, admirable for cutting. The individual blooms are enormous, 4 to 5 and 6 inches in diameter.

Appleblossom	Purple (Alpen Glow)
Enchantress Pink	Rose (Rainbow)
Light Blue (Blue Moon)	White (Moonbeam)
Light Lavender (Stratosphere)	
Each of the above.....	Trade pkt. Oz.
	1/4 oz., 90c \$0.35 \$3.00
Mixed, all colors.....	1/4 oz., 60c .35 2.00

CALIFORNIA GIANTS—2½ to 3 feet

They are of vigorous growth and of the Crego, or Ostrich, type of flower. They are partially non-lateral and the blooming season extends from midseason until cut down by frost.

Appleblossom	Light Blue
Carmine Rose	Light Purple
Crimson	Peachblossom
Dark Purple	Silvery Rose
Deep Rose	White
Each of the above.....	Trade pkt. Oz.
	1/4 oz., 70c \$0.35 \$2.25
Mixed, all colors.....	1/4 oz., 60c .25 1.80

Early Express or Early Wonder Mixed. 16 in..... 1/4 oz., 45c .25 1.40

New Super Giant Los Angeles. The flowers are large, are most artistic, due to the unusual curling and interlacing of the petals, giving a light feathery effect. The color is a pure shell pink..... 1/4 oz., 80c .35 2.80

Super Giant El Monte. Companion to above variety and exactly like it except in color, which is a deep glowing crimson. Blooms early and remains in flower over a long period..... 1/4 oz., 80c .35 2.80

IMBRICATED POMPON—20 inches

A variety that is very popular among the California flower growers. The entire plant can be cut as a single bouquet.

Blood-Red	Fiery Scarlet	Light Blue, lb., \$22.00
Crimson	White, lb., \$22.00	Dark Blue
Rose, lb., \$22.00		
Each of the above.....	Trade pkt. Oz.	
	1/4 oz., 60c \$0.35 \$2.00	
Mixed, all colors.....	1/4 oz., 50c .25 1.80	

GIANT PEONY FLOWERED—2½ to 3 ft.

Flowers beautifully incurved with straight, rigid stems non-lateral branching.	Peachblossom (White flushed pink)
Azure Fairy (Azure blue)	Rose Bud (Deep rose)
Maiden's Blush (Delicate pink)	Swan's Down (Pure white)
Purple Robe (Deep purple)	
Each of the above.....	Trade pkt. Oz.
	1/4 oz., 60c \$0.35 \$2.00
Mixed, all colors.....	1/4 oz., 50c .25 1.80

American Branching Type, Rosalie. The handsome, fully double flowers are four inches in diameter. The color is a deep rose-pink. The great feature of this new Aster is its ability to continue to produce flowers 100% double throughout the season, and at no time are the centers exposed..... 1/4 oz., 80c .35 2.80

Scarlet King (Beacon). Every flower is fully double and the color is even more intense than Heart of France. 20 in..... 1/4 oz., 60c .25 2.00

Surprise "Salmongold." When starting to flower the blossom is a pure salmon-yellow color. The fully developed blossom shows a radiating salmon-pink shade. The flowers are 2 3/4 to 3 1/2 inches in diameter. Very fine..... 1/4 oz., 70c .35 2.20

Boltze's Dwarf Bouquet, Mixed. A splendid variety for pots..... 1/4 oz., 50c .25 1.60

Dwarf Chrysanthemum Flowered, Mixed. 12 in. Fine for pots and borders..... 1/4 oz., 40c .25 1.40

SINGLE ASTER

Southcote Beauty. Free flowering strain of branching habit. These are very much in evidence in European flower shops.

Trade pkt.	Oz.
Dark Blue, White, Light Blue, Scarlet, Rose.	
Each of the above.....	1/4 oz., 25c \$0.15 \$0.80

Mixed. All colors..... 1/4 oz., 25c .15 .80

Single Giants of California. Flowers large, 3 to 4 inches in diameter. Petals graceful, stems 18 to 24 in. Blooms in mid-September..... Light Blue, Purple, Rose, White. Each of the above..... 1/4 oz., 25c .15 .50

Mixed, all colors..... 1/4 oz., 25c .15 .50

Aralia Sieboldi. Fine green foliage plant readily grown from seed. Seed ready in April..... 100 seeds, 25c; 1,000 seeds, \$1.50

Arctotis Grandis (The African Lilac Daisy). Pure white on upper surface, reverse petals being lilac. Very useful for cutting. 32 in..... 1/4 oz., 60c .15 .40

Brevicarpa Aurantiaca. The daisy-like flowers have petals of a pleasing dark orange which turns lighter toward the center, with a purplish disc, 6 in. 1/4 oz., 60c .30

Large Flowering Hybrids. Resembles Gerbera. Numerous beautiful colors. 12 inch..... 1/4 oz., 85c .35 3.00

Asclepias Curassavica. The heads of orange-red flowers, which arise from the axils of the leaves, are freely produced and long lasting..... 1/4 oz., 60c .15 .80

Asparagus

Write for prices on larger lots.

Plumosus Nanus. (Lath Housegrown.) Carefully harvested, hand-picked, plump, well-matured seed of this is a specialty with us. 250 seeds, 40c; 1,000 seeds, \$1.00; 5,000 seeds, \$4.50; oz., 80c; lb., \$8.00.

Falcatus. Valuable bushy green for cutting purposes. Shiny dark green leaflets that are larger than Sprengeri. 100 seeds, 65c; 1,000 seeds, \$5.00.

Sprengeri. 250 seeds, 35c; 1,000 seeds, \$1.00; 5,000 seeds, \$4.50; oz., 80c; lb., \$8.00.

Scandens Deflexus. Elegant greenhouse climber. Excellent cutting material. 100 seeds, \$1.00; 1,000 seeds, \$8.00.

Our Trial Grounds, located at Western Springs, Illinois, are open to visitors during the summer and fall and we extend a cordial invitation to all interested in horticulture to visit them. Every variety is plainly marked.



BUSH BALSAM. Trade pkt., 25c; oz., \$2.00.

Balsam

Bush Balsam. Flowers appear in clusters on top of stem instead of on sides. When grown in small pots, these make nice plants in bloom for spring sales.

	Rose	White Reflected Rose	White	Trade pkt. Oz.	Trade pkt. Oz.
Each of the above.....	1/4 oz., 60c		\$0.25	\$2.00	
Bush Mixed.....	1/4 oz., 60c		.25	2.00	
Torch, Dwarf, vermillion red.....	1/4 oz., 75c		.35	2.60	
Vaughan's Invincible Mixed. A splendid strain producing very double flowers of the finest form. This is the old fashioned type with flowers on side of stem.....			.15	.80	
Bartonia Aurea. Golden yellow. 24 in.....			.10	.30	

Bachelor's Button. See *Centaurea Cyanus*.

Begonia — Fibrous-Rooted

Trade pkt. Oz.

Gracilis Pink Pearl. Of dwarf, compact habit—6 to 8 inches high, this new Begonia is one of the very best for pot culture. The plants form perfect balls and the flowers are well above the fresh green foliage.....	\$1.00	....
Red Pearl. Same as above in growth, height and blooming habit. Color brilliant dark scarlet.....	1.00	....
The above are excellent summer bloomers.			
Luminosa. Deep dark scarlet, foliage reddish brown, 10 in.....	1.00	\$40.00	
Carmen. Bright rose flowers, bronze foliage, giving excellent color contrast. 1/4 oz., \$1.80; 1/2 oz., \$3.20	1.00	....
Carmen Scarlet. See Indian Maid.			
Carmen White.....	1/4 oz., 1.40	1.00
The Carmen varieties are very attractive, especially under electric lights, on account of bronze foliage.			
Compacta. Tausendschoen. A fine dwarf bedding variety, flowers lustrous rose. Absolutely even in growth and color. The plants are one mass of bloom. 6 in.....	1.00	....
Dwarf Luminosa. Extra dwarf, scarlet.....	1/4 oz., \$2.00; 1/2 oz., 3.60	1.00
Fireball. Fiery crimson, 10 in.....	1/2 oz., 1.80	1.00
Heterosis Stuttgart 1939. The uniform, red-brown, showy leafage creates quite a unique harmony with the large flowers of vivid carmine rose, measuring about 1 1/2 inches across. Its habit is bushy, and the plants, ramified right from the bottom, reach a height of 10 inches.....			

BEGONIA, GRACILIS—Continued.

	Trade pkt. Oz.
Indian Maid (Carmen Scarlet). 10 in. Bright deep scarlet buds and flowers with deep lustrous bronze foliage.....	1/2 oz., \$3.50; 1/4 oz., \$2.00
Prima Donna. Limpid rose, shading to carmine, most beautiful, 10 to 12 in.....	1/2 oz., \$2.00
Radio (Rundfunk). Large flowered, shining, pure carmine-scarlet, green foliage.....	1/2 oz., \$2.20
White Pearl. White, 10 in.....	1/2 oz., 1.50
Christmas Cheer Red. A very large-flowered variety, color dark crimson-scarlet. 1/4 oz., \$1.40; 1/2 oz., \$2.20	1.00
Christmas Pink. Identical to above variety only the color is a delightful shade of warm rose-pink.....	1/2 oz., \$2.40
Semperflorens Albert Martin. Bright carmine, very large flowers, 14 in.....	1/2 oz., \$1.00
Adeline (Improved Darling). Very dwarfest habit; bright pink flowers and green foliage, very attractive.....	1/4 oz., \$2.25
Elegance. The plant is of bushy habit, medium tall, and most free flowering. The individual flowers are large, pink with white center, foliage clear green.....	1/4 oz., \$2.00
Enchantress. Fresh rose color.....	1/2 oz., \$1.60
Fire Sea (Blaze of Fire). Fiery red flowers, green foliage.....	1/2 oz., \$2.00
Glow. Foliage bronze, flowers glowing scarlet.....	1/4 oz., \$1.50
G. Knaacke. Glowing salmony pink.....	1/2 oz., 1.40
Heterosis Essen, 1938. The buds are one inch across and are of a bright cherry-red, while the flowers develop later to 2 in. x 1 in. and are an amaranth cerise. The center of the flower appears mauve, thus producing a particularly charming effect. The plants branch freely and grow to a uniform height of 10 in.....	1.00
Lightning. Large flowers 2 in. across and deep carmine scarlet shade.....	1/2 oz., \$2.60; 1/4 oz., \$1.50
Little Midget. A remarkably early and willing bloomer. Plants flower freely when only an inch or two in height. Color a pretty dark carmine.....	1.00
Rosabella. Light rose.....	1.00
Scandinavia. A new outstanding large-flowered pink variety for pots. Plants are of good branching habit with dark green foliage. Excellent for winter flowering.....	1.00
Salmon Queen. Large cinnabar red blooms, dark leaf, 12 in.....	1/2 oz., \$1.50
Winter Romance. Carmine pink flowers.....	1.00
Special Mixture of Bedding Begonias.....	1/2 oz., 1.00

BEGONIA TUBEROUS ROOTED

Grown easily from seed which sown in January will make fine pot plants for spring. This type Begonia is most satisfactory for planting in the shade.

	Trade pkt. Oz.
Tuberous-Rooted. Single, mixed, 12 in. 1/4 oz., \$1.20	\$0.50
*Double Camellia Type, mixed. The largest and most popular of the double types, individual flowers from 5 to 8 inches in diameter resembling camellias and roses in all forms and variations of color.....	1.00
Crispa mixture of frilled sorts.....	1/4 oz., \$2.00
Narcissus-Flowered Mixed Colors.....	1.00
Lloydii (Pendula). Pendulous double-blooming, many fine shades, for pots and hanging baskets..	1.00
Double. Mixed.....	1/4 oz., \$4.00

MULTIFLORA FL. PL. VARIETIES

Mrs. Helen Harms. Heretofore it has been necessary to propagate this delightful Begonia by means of cuttings. Now we can offer seed which will produce about 90% double flowers. The flowers are a deep canary yellow and are about 1 1/2 in. in diameter. The foliage is small. In the second year the tubers produce much larger plants and many more flowers. Trade pkt., \$1.00.

Multiflora, Tuberous-Rooted, "Home." The flowers of this novelty are a striking bright salmon-orange. The blooms, about 2 1/2 inches across, are borne freely on stiff stems standing well above the narrow, dark green dense foliage. The plants reach a height of about 8 inches and are well adapted for borders and pot-culture.

BEGONIA VARIOUS

	Trade pkt. Oz.
Rex Hybrids. Ornamental leaves.....	500 seeds, \$1.80; 1,000 seeds, \$3.20
Evansiana. Tall rose-pink, a native Japanese variety. Flowers in autumn, semi-hardy Begonia.....	\$0.50

	Trade pkt.	Oz.		
Brachycome Iberidifolia (Swan River Daisy). 12 in.				
Blue, White, Pink or Mixed, each	\$0.15	\$0.80		
Browallia Elata . Blue, White or Mixed, each	.15	.80		
Speciosa Major . Large deep blue flowers. Fine for pots. 12 in.	$\frac{1}{16}$ oz., \$1.00	.35		
Alba, White	.50	....	
Viscosa Compacta Sapphire . Dark blue, white eye, Dwarf compact plant for pots and bedding	$\frac{1}{16}$ oz., \$1.00	.35		

Cactus Seed

Cacti can easily be grown from seed, and are becoming increasingly popular in the retail trade.

We also offer a booklet containing much valuable information on Cacti, "Cacti in the Home." Price, 35c.

	100 Seeds	1000 Seeds	
(250 seeds of one variety supplied at 1000 rate)			
Cereus (Column-cacti) . Mixed	\$0.35	\$2.20	
Cephalocereus Senilis (Old Man Cactus)	.65	5.00	
Cereus Grandiflorus (Queen of the Night)	.85	7.50	
Echinocactus (Hedgehog-cacti). Mixed	.40	3.00	
Echinocereus (Cluster-cacti). Mixed	.30	2.00	
Echinopsis (Tube-flowering hedgehog-cacti). Mixed	.40	3.00	
Mamillaria (Wart-cacti). Mixed	.45	3.20	
Opuntia (Fig-cacti). Mixed	.35	2.40	
Opuntia . Hardy Mixed	....	
....	$\frac{1}{4}$ oz., 40c; tr. pkt., 25c; oz., \$1.40		

	Trade pkt.	Oz.
Cacti . All kinds and forms, mixed	\$0.25	\$2.00

Imported Collection, 12 sorts, 85c net each.

California Poppy. See Escholtzia.

CALLOPSIS

Coronata Maxima (Crown of Gold). Bright yellow, 20 in.	.10	.30		
Drummondii (Golden Wave) Golden yellow with brown-red ring, 20 in.	.10	.20		
Drummondii (Golden Crown). Rich golden yellow with a shining maroon central zone	.15	.50		
Semi-Double Gold Crest . A rich golden yellow color with a reddish brown zone. Flowers are $2\frac{1}{2}$ to 3 inches across and come with a double row of mammoth petals	.15	.50		
Vaughan's Special Mixture	.15	.50		

Campanula Attica . Violet flowers, 4 in.	.35	....	
Loreii \times Violet blue with light center, 6 in. $\frac{1}{4}$ oz., \$1.00	.35	....	

For other varieties see Perennial Pages.

Canary Bird Flower . Yellow. Good climber for shade.	.10	.30		
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Calendula

BEDDING VARIETIES

Frilled Beauty . New, deep orange	.20	.80		
Graciella . The plants grow only about 12 inches high. The colors are varying from lemon to light and dark fiery orange-yellow, with or without dark eye. Early flowering—plants will be in bloom when 6-7 weeks old	.20	1.20		
Orange Fantasy Crested The first few rows of petals on the outside are long and beautifully twisted; the inner petals are short and fantastically curled and interlaced; a large mahogany-bronze center. Flowers grow $3\frac{3}{4}$ inches across and are of an exceptionally deep bronzy or coppery orange with petals edged deep mahogany-red. 15 in.	.20	.80		
Orange King . Select stock. Dark center. The outer petals are slightly imbricated, while those of the center are curved like those of the peony. lb., \$5.00	.15	.60		
Pastel Bedding Mixed . Charming assortment of art shades	.15	.80		
Radio . The flowers are medium size, good depth and clear orange. The petals are quilled	.15	.50		
Radio Golden Beam . Same as above only color is light yellow	.15	.50		
Shaggy . The petals are long and deeply laciniated, orange with darker center	.15	.60		
Lemon. Bright lemon. Deeply laciniated petals	.20	.80		
Sunshine or Chrysanthia . Petals long, broad and drooping. Buttercup yellow	.20	.80		
Orange	.15	.80		
Trial Ground Mixture . This fine blend is composed of all of the standard varieties plus varieties on which we are working, not yet introduced. The color ratio is approximately $\frac{2}{5}$ Lemon and $\frac{3}{5}$ Orange	.20	.80		
*Vaughan's Special Mixture	.20	.80		



CALENDULA VAUGHAN'S IMPROVED SENSATION

Calendula Forcing Varieties

	Trade pkt.	Oz.
Ball Apricot	....
Ball Gold . Has the same long stem and extra large, uniformly double flowers that are so well known in our Ball Orange Improved	....
Ball Lemon Queen	....
Ball Improved Long Orange . Attractive bright golden orange with light eye; a clearer lighter color than the regular Long Orange. Quite outstanding for extra large flowers and long stems	....
Ball Long Orange . Long-stemmed, light center, clear orange	....
Ball Masterpiece . Extra long-stemmed, deep orange-brown center	....
Ball White (Moonlight) . The lightest in color of all the Calendulas, being a beautiful soft cream yellow. A very charming shade	....
Each of the above, 2 oz., \$3.50; 4 oz., \$6.50; lb., \$20.00	\$0.40	\$2.00
Ball Varieties . Mixed	$\frac{1}{4}$ oz., 50c	.30 1.50
Sensation, Vaughan's Improved (Campfire). Long stems; very double, brilliant orange flowers. The blooms are very flat in shape	$\frac{1}{4}$ oz., 60c	.40 2.00
Yellow Colossal . Most profuse blooming of all large-flowered Calendulas. The well formed, bushy plants grow 18 in. high and are loaded with flowers. The flowers are extremely double, $4\frac{1}{2}$ in. and more across. The long, gracefully curved petals are a clear, bright yellow	....	....

These above varieties are also admirable for outdoor growing.

Annual Canterbury Bells

	Trade pkt.	Oz.
Angelus Bell . Deep rose	....
Blue Bell . Light blue	....
Liberty Bell . Violet blue	....
Mission Bell . Clear pink	....
Wedding Bell . White	....
Each of the above	$\frac{1}{4}$ oz., 25c	\$0.15 \$0.80
Mixed, All Colors	$\frac{1}{4}$ oz., 20c	.15 .60
Canna Crozy's Best Mixed . Saved from a collection of 20 of the best domestic and imported sorts	....
....	$\frac{1}{4}$ oz., 70c	.25 2.40
Cardinal Climber . Bright and delicate climber	....
Castilleja Indivisa (Indian Paint Brush). A very rare annual; rosy pink bracts, intermingled with orange-red. Fine for pots	1000 seeds, \$1.20	.15 .50

*Vaughan's Special Mixture

Calceolaria Hybrida

Hybrida Grandiflora Triumph Strain. A truly outstanding strain. Bright shades of yellow, orange, red and rose; the flowers are large and mostly tigereed or spotted. This strain produces bushy, shapely plants with clean foliage. $\frac{1}{2}$ oz., \$8.00; $\frac{1}{4}$ oz., \$4.50 \$1.25 . . .

Hybrida Grandiflora Mixed. Extra Choice. Our mixture is composed of the choicest selections of the tigereed, marbled, spotted and variegated varieties. $\frac{1}{2}$ oz., \$3.50; $\frac{1}{4}$ oz., \$2.40 1.00 . . .

Monarch Strain. An exceptionally fine strain with large flowers and exquisite markings. $\frac{1}{4}$ oz., \$2.25; $\frac{1}{2}$ oz., \$4.00 1.00 . . .

Hybrida Multiflora Nana. Mixed. The average size of the blooms is only $1\frac{1}{2}$ inch, but the amount of flowers produced is unsurpassed. The color scheme is extraordinarily gay and full of contrast. Pinch out center to make well shaped bushy stock. $1/128$ oz., \$2.25; $\frac{1}{4}$ oz., \$4.25 1.00 . . .

Golden Tiger. Bright golden yellow flowers with dark brownish red dots, freely produced above the foliage. $\frac{1}{4}$ oz., \$5.50 1.00 . . .

Indian Prince. Rich dark scarlet with orange suffusion. Excellent compact habit. $1/128$ oz., \$2.25 1.00 . . .

Albert Kent Hybrids. A very lovely variety. The flowers are intermediate in size and produced in large graceful clusters in delicate shades. $\frac{1}{2}$ oz., \$3.60; $\frac{1}{4}$ oz., \$2.00 1.00 . . .

Kelway's Perfect Model. (Herbaceous) Originator's Stock. $\frac{1}{2}$ oz., \$4.00; $\frac{1}{4}$ oz., \$2.25 1.00 . . .

Feltham Pride. Dwarf, compact plants. Large flowers with great color range. $1/128$ oz., \$1.80 1.00 . . .

Grandiflora. Nana Tigrina. Dwarf mixed. $\frac{1}{4}$ oz., \$2.40 1.00 . . .

The Rugosa varieties furnish splendid cut flower material besides being good pot plants. The flowers are smaller than the Hybrida, produced in clusters and keep well in water after cutting. The Rugosa (shrubby) varieties are true bedding varieties, having innumerable small flowers.

Rugosa Aurea. Golden Rain. Pure yellow. \$1.00 . . .

Major. Mixed. $\frac{1}{4}$ oz., \$1.75; $\frac{1}{2}$ oz., 40c 1.00 . . .

"Flower Cloud." Large dense bouquets in yellow, brown and orange shades. Valuable pot plants. Free flowering. $1/128$ oz., \$3.80; 3 tr. pkts., \$2.70 1.00 . . .

Candytuft

Giant Hyacinth-Flowered. Select, pure white. This is a superior strain; it grows about $1\frac{1}{2}$ feet high, with enormous trusses of blooms. The best strain in existence for florists' use. Sow early in January for Mother's day. $\frac{1}{2}$ oz., 40c; 4 oz., \$2.25; lb., \$7.50 \$0.20 \$0.75 . . .

Coronaria, Empress. White. For outdoor planting in the south. lb., \$2.40 .10 .25

Miniature Gem. A miniature hyacinth-flowered Candytuft about $3\frac{1}{2}$ inches high, each plant producing four to six spikes of pure white flowers. A fine combination pot plant item. $\frac{1}{4}$ oz., 25c .15 .80

Umbellata Carminea. Carmine, 12 in. lb., \$3.60 .15 .40

Alba. White, 12 in. lb., 3.60 .15 .40

Flesh-Pink. 12 in. lb., 3.60 .15 .40

Lilacina. Lilac, 12 in. lb., 3.60 .15 .40

Purpurea. Crimson, 12 in. lb., 3.60 .15 .40

Rose Cardinal. Rose-pink, 12 in. lb., 5.00 .15 .60

Vaughan's Special Mixed. lb., 5.00 .15 .60

Dwarf Mixed. For pots or combination baskets. lb., 5.00 .15 .40

Lilac. lb., 5.00 .15 .50

Rosea. lb., 5.00 .15 .50

White. lb., 5.00 .15 .50

For Gibraltarica, Tenoreana and Semperfivens, see Perennial Pages.

Cephalophyllum Actum. Growing about 6 inches high, it produces attractive ray flowers of a rich violet blue with pretty centers. The thick fleshy plant growth makes an attractive house plant even when not in flower. 100 seeds, \$12.00; 100 seeds, \$1.50.

Cleome Pungens (Giant Spider Plant). Light rose. \$0.10 \$0.40

Rose Queen. Dark rose. $\frac{1}{4}$ oz., 25c .15 .80

White Gigantea. $\frac{1}{4}$ oz., 60c .15 .60

Lutea (Golden Cleome). Bright golden orange flowers. $\frac{1}{4}$ oz., 90c .35 3.00

Cobaea Scandens. Purple. lb., \$4.80 .10 .45

Trade pkt. Oz.

Carnation

Vaughan's Early and Perpetual-Flowering

Plants bloom in about five months from sowing and continue to bloom until the end of summer. The flowers are very double, of large size. The calyx does not split. They are borne on stiff stems 15 to 18 inches high. Our strain will produce 90% double flowers and comes true to color.

White	Flesh-Pink	Maroon
Yellow	Deep Rose	Salmon-Rose
Rose-Pink	Scarlet	Trade pkt. Oz.
Each of above	$\frac{1}{4}$ oz., 60c	\$0.25 \$2.00
Vaughan's Early and Perpetual-Flowering, mixed.	$\frac{1}{4}$ oz., 50c	.25 1.80

Enfant de Nice

They are of compact growth with extremely stiff stems bearing flowers which are up to $2\frac{1}{4}$ to $2\frac{3}{4}$ inches in diameter without disbudding the plants. The colors come about 75% true from seeds and give about 90% of plants with double flowers.

White	Rose	Trade pkt. Oz.
Salmon	Red	Trade pkt. Oz.
Each of above	$\frac{1}{4}$ oz., \$1.75; $\frac{1}{2}$ oz., 1.00	\$0.50 . . .

Mixed, from varieties noted above. $\frac{1}{4}$ oz., 1.20 .50 . . .

*Malmaison J. M. Bridgeford. Of sturdy habit, each upright growing plant bearing a large flower $3\frac{1}{2}$ to 4 inches across, all being of equal size. The chief merit lies in the extensive color range, exceeding that of any other race of Margaret Carnation. Some 25 different colors have been counted. $\frac{1}{8}$ oz., \$1.00 .50 . . .

Engelmann's Perpetual Gold Medal Hybrids. Seeds saved from the best varieties, with large flowers borne on long stems. $\frac{1}{16}$ oz., \$2.00 1.00 . . .

Teicher bi-annual mixed. A European variety, producing extraordinary large blooms in a fine range of colors; excellent for cutting. $\frac{1}{8}$ oz., \$1.80 .75 \$12.00

Vaughan's Special Mixture. A mixture of Engelmann's Gold Medal, Giant of Nice and Vaughan's Early and Perpetual Flowering. $\frac{1}{8}$ oz., 75c .50 5.00

For other Carnations, see Perennial Pages.

Celosia

Childsii (Chinese Wool Flower)

Trade pkt. Oz.

Crimson. Deep Rose. Yellow. 2 ft. Each, $\frac{1}{4}$ oz., 45c \$0.20 \$1.40

Mixed. The above colors. $\frac{1}{4}$ oz., 40c .15 1.30

Cristata (Cockscomb)

Tall. Crimson. Golden Yellow. Rose. Scarlet. Chamois Each. .25 . . .

Royal Velvet. This 2-foot plant produces a large center head and numerous large, long-stemmed cockscombs of richest carmine, or crimson, color on basal branches. The combs are borne erect, and the foliage is bronzy green with reddish margins. .50 . . .

Tall Sorts, Mixed. .15 .60

Nana Aurea. Dwarf, dark golden, 12 in. .25 . . .

Empress. Bright crimson combs, dark foliage, beautiful, 12 in. .25 . . .

President Thiers. Dark crimson, 12 in. $\frac{1}{4}$ oz., 60c .25 . . .

Rosea. Dwarf, dark rose combs, 12 in. .25 . . .

Dwarf Sorts. Extra choice mixed. $\frac{1}{8}$ oz., 80c .35 . . .

Miracle Cockscomb, Mixed. Grows 2-3 ft. high without branches, terminated with remarkable cockscombs of enormous size, some round, others cockscomb shape, with surface like velvet plush, others of waved or corrugated appearance. .50 . . .

Plumosa (Ostrich Feather)

Crimson. $\frac{1}{4}$ oz., 40c .25 1.20

Orange. $\frac{1}{4}$ oz., 40c .25 1.20

Rose. $\frac{1}{4}$ oz., 50c .25 1.60

Scarlet. $\frac{1}{4}$ oz., 50c .25 1.60

Parrot's Feather, Mixed. $\frac{1}{8}$ oz., \$1.00 .50 . . .

Pride of Castle Gould, Mixed. $\frac{1}{4}$ oz., 60c .25 . . .

Pyramidalis Flame of Fire (Fiery dark scarlet). $\frac{1}{4}$ oz., \$1.00 .35 . . .

Lilliput Dwarf Fire Feather. This dwarf strain is excellent for pots and combinations. 12 in. $\frac{1}{8}$ oz., 60c .25 . . .

Orange Feather. Golden orange. 15 in. $\frac{1}{8}$ oz., 60c .25 . . .

Mixed. $\frac{1}{8}$ oz., 60c .25 . . .

Thompsoni Magnifica Special Selection, Mixed. $\frac{1}{4}$ oz., 60c .25 2.25

Spicata. 3 ft. Branching freely, each stem terminating in a round, slender, pointed spike of bloom. The flowers at first are a soft bright rose, changing to silver-white. $\frac{1}{4}$ oz., 40c .25 . . .

SUPER GIANT CENTAUREA CYANUS (Cornflower)

The flowers of these strains are large, fully double and colors intensified. Long stems for cutting.	Trade pkt.	Oz.
Black Boy. Blackish maroon.....	4 oz.,	\$1.50
Blue Boy. Rich deep blue, very large flowers.....	lb., \$4.00; 4 oz.,	.15 .40
Pinkie. Deep pink.....	lb., 4.00; 4 oz.,	.15 .40
Red Boy. Deep red.....	4 oz.,	.15 .40
Snowman. Best white.....	4 oz.,	.15 .40
Vaughan's Mixture of Super Giant New Varieties Mixed.....	4 oz.,	.15 .40

Trade pkt. Oz.

Centaurea Cyanus. Jubilee Gem. Dwarf blue, 12 in.	1/4 oz., 50c	\$0.25	\$1.60
Lilac Lady. Like the above except color, which is a bright lilac mauve.....	1/4 oz., 50c	.25	1.80

Centaurea

Americana (Basket Flower). Lilac, 4 ft. lb., \$4.00	.10	.40
Alba. White. 4 ft. Fine cut flower lb.,	4.20	.10 .40
Imperialis (Giant Sweet Sultan). 32 in. Pure white....		
Amaranth, a rich plum color. Brilliant Rose.		
Favorita, rosy lilac. Deep Lavender.		
Splendens, dark purple, Lilacina, lilac center.		
Each of the above.....	.15	.50
Mixed Colors.....	.10	.40
Suaveolens. Canary-yellow, 2 ft. lb., \$4.00	.10	.40
Vaughan's Special Mixture. Includes all the annual Centaurea sorts.....	.15	.60
Candidissima (Dusty Miller). Broad cut leaved variety with silvery foliage. 16 in. This must be started early, as it is a slow grower. 1/4 oz., 50c	.25	1.40
Gymnocarpa. Fine cut leaved variety with silvery foliage.....	.15	.50

See also Perennial Pages.

Chrysanthemum

The annual varieties provide fine cut flowers during summer.

Carinatum, Burridgeanum. White, crimson zone....	Trade pkt. Oz.	
Fimbriatum fl. pl. Double mixed. Fine well balanced mixture. 2-2 1/2 ft.	\$0.10	\$0.30
Northern Star. Giant white flowers with light yellow center and black disc, 20 in. ....	.25	1.40
Purpureum (W. E. Gladstone). Deep purple with yellow ring, 20 in. ....	.10	.25
The Sultan. Dark copper, yellow ring, 20 in. ....	.10	.25
Single Mixed.....	.10	.20
Cascade or Balcony. Plants produce drooping spikes a foot or more in length, flowers about the size of a Climax Aster in delicate shades of pink, rose, yellow and white mixed.....	.50	....
Coronarium. Golden Crown. The color is rich butter yellow and flowers are double form with quilled petals. 3 to 4 ft. ....	.25	2.20
Frutescens (Paris Daisy). White, 30 in. ....	.15	.60
Indicum fl. pl. Chinese. Early-blooming, hardy, double mixed, 2 ft. ....	.50	....
Single Chinese. Early-flowering....	1/4 oz., 90c	.35 3.20
Inodorum Plenissimum. Bridal Robe. Pure white, extra double, compact, fine foliage, 20 in. 1/4 oz., 40c	.25	1.40
Snow Carpet grows from 10 to 12 inches tall and has nice double white flowers which are about two inches in diameter. The foliage is dark green and quite lacy in appearance. ....	.50	....
Japonicum Double Anemone Flowered. Finest Mixed. The flowers, which are beautifully quilled, measure from 2 to 3 inches across. In color they are extensively varied and contain wonderful assortment of golden and bronze which is one of the characteristics of this new strain. ....	.50	....
Nivelli. Of bushy growth, with an abundance of beautiful, pure yellow, single flowers all summer and fall. The flowers measure 2 to 3 inches across. ....	.10	.30
Segetum (Eastern Star). Light yellow with dark center and yellow ring, 20 in. ....	.10	.30
Eldorado. Bright yellow, dark brown disc.....	.10	.30
Gloria (Morning Star). Primrose flowers, 20 in. ....	.10	.25
Helios (Evening Star). Large golden yellow. Vaughan's Double and Single Mixed, annual sorts. ....	.10	.25

See also Perennial Pages.



CENTAUREA CYANUS Vaughan's Super Giant

Clarkia Elegans Fl. Pl.

This is now much planted for cutting, both in and outdoors. If grown indoors, plants must be starved. Sow in January, grow on in flats or shallow raised bench. 2 ft.

Albatross. Pure white.....	Trade pkt. Oz.	\$0.15	\$0.60
Appleblossom. A good rose-pink.....		.15	.50
Brilliant. Double salmon.....		.15	.50
Carmine Queen. Deep carmine.....		.15	.50
Chieftain. Mauve.....		.15	.50
Enchantress. Salmon-pink.....		.15	.50
Firebrand. Copper scarlet.....		.15	.60
Glorious. Crimson scarlet.....		.15	.50
Illumination. Orange and rose.....		.15	.60
La France. Pale salmon-pink.....		.15	.50
May Blossom. Pure glowing rose.....		.15	.50
Orange King. A good orange.....		.15	.50
Purple Prince. Rich purple.....		.15	.50
Rosy Morn. Beautiful rose color, very double.....		.15	.60
Ruby King. Rich ruby purple.....		.15	.50
Queen Mary. Carmine.....		.15	.50
Salmonea Perfecta. True salmon, extra double.....		.15	.60
Scarlet Queen.....		.15	.50
Vaughan's Special Mixture.....		.15	.80

Coleus Glory. A mixture of bronze, pink, apricot shades, cream, etc. A remarkably fine strain; it is unequalled for the beautiful form and coloring of its large leaves. Sow seed January 1st for Memorial Day plants.....

Extra Choice, large-leaved, mixed.....	.75	....
Frederici. This beautiful flowering Coleus is undoubtedly one of the most valuable plants for greenhouse decoration during the winter months, and is very easy to raise from seed. The color is pure deep cornflower blue. Sown in April the plants will flower freely from October onwards and a June sowing can be relied upon to produce plants to be at their best about Christmas-time. The earliest-sown plants will grow to a height of 3 feet, whilst the later-sown ones may attain only about 2 ft. Seeds should be sown in moderate heat and for the final potting 8-inch pots are suitable. From October onwards an atmosphere of about 55 degrees will be necessary to produce the best results. Award of Merit R. H. S. ....	.50	4.20
Large-leaved, Copper color, 20 in.....	.50	....
Small-leaved, mixed.....	.35	....
Vaughan's Rainbow Mixture. The above and others.....	.16 oz., \$1.00	.50



CINERARIA "GOLD CENTER" OF THE MULTIFLORA NANA TYPE

This new strain is distinguished by the golden yellow stamens—in the type they are dark. The flowers are produced in great profusion, are of the same size and color range as the Multiflora Nana. The golden yellow stamens make a wonderful contrast with the blues, reds and pinks of the flowers. We strongly recommend this variety.

500 seeds, 60c; 1000 seeds, \$1.00; $\frac{1}{4}$ oz., \$2.00

Cineraria Hybrida

	Trade pkt. Oz.	
Vaughan's Columbian Mixture. It consists of a mixture of the choicest strains of large flowering dwarfs and cannot be excelled in variety of colors, size, shape and substance of flowers and perfect habit of plant. $\frac{1}{4}$ oz., \$1.80; $\frac{1}{2}$ oz., \$3.00; $\frac{1}{16}$ oz., \$5.50; \$1.00	....
Cremer's Prize Mixture. Re-selected. Somewhat taller and larger flowered than Multiflora Nana. $\frac{1}{16}$ oz., \$7.50; $\frac{1}{2}$ oz., \$4.00; $\frac{1}{8}$ oz., \$14.00	1.50	....
Howard and Smith's Strain. Mixed. A very fine selection from a California specialist. $\frac{1}{4}$ oz., \$2.60	1.00	....
Large-Flowering. Old Rose, pink to rich coppery red. White Azure Blue Matador, deep copper Crimson Dark Blue scarlet		
Rosamond, pink with dark center, Each, 500 seeds	.50	....
James' Giant. A well known English strain.	1.00	....
Ericksson's Private Stock. Berlin market selection.	1.00	....
Siter's Rainbow Strain. Flowers medium large.	1.00	....
Mixture of Gold Center, Cremer's, Siter's and Berlin Market.	$\frac{1}{16}$ oz., \$1.50	....
Hybrida Multiflora Nana. Produces dwarf plants with masses of small flowers, measuring about $\frac{3}{4}$ in. in diameter, in compact heads over small and dainty foliage. The flowers are self-colored. Azure Blue Dark Red Rose Carmine		
Dark Blue Rose		
Each of the above.	.50	....
Multiflora Nana. Mixed, all colors, $\frac{1}{2}$ oz., \$2.00	1.00	....
Multiflora Nana Maxima. Mixed. Flowers about same size as Potsdam strain and plants about same height. $\frac{1}{4}$ oz., \$1.80; $\frac{1}{2}$ oz., \$3.20; 1500 seeds	1.00	....
Potsdam Strain. Mixed. (Berlin Market or Weissenbach) The plants are taller and flowers larger than Cremer's.		
$\frac{1}{4}$ oz., \$1.50; $\frac{1}{2}$ oz., \$2.80; 1500 seeds	1.00	....
Crimson Dark Blue Rose		
Salmon-Rose Shades White		
Each of above.	.50	....
Blue with white eye.	$\frac{1}{4}$ oz., \$2.25	1.00
Red with white eye.	$\frac{1}{4}$ oz., 2.25	1.00

CINERARIA—Continued

	Trade pkt. Oz.	
Plenissima. Double mixed. Good for cutting. 500 seeds	\$0.50	....
Star Cineraria (Cineraria Hybrida Polyantha). Fine, small-flowering varieties, for cutting and decorative purposes. 3 ft. $\frac{1}{2}$ oz., \$1.20; 1000 seeds	.50	....
Feltham Beauty. Somewhat dwarfer than above, but with larger flowers and broader petals nearly all have white centers. $\frac{1}{2}$ oz., \$1.20; 1000 seeds	.50	....
Polyantha Stellata, Blue. Rich, dark blue, 2 ft. $\frac{1}{2}$ oz., \$1.20; 1000 seeds	.50	....
Salmon-Pink, a fine new shade. $\frac{1}{2}$ oz., \$1.30	.50	....

	Trade pkt. Oz.	
Cianthus + □ Dampieri (Glory Pea of Australia) dark red and black, 24 in.	.30	....
Collinsia Salmon Beauty. Pure salmon-rose. 1 ft.	.25	\$1.80

	Trade pkt. Oz.	
Columbine. See Aquilegia, Perennial Pages.		
Cineraria Maritima Candidissima (Dusty Miller)	.15	.40

	Trade pkt. Oz.	
Maritima Candicans. This new variety will be an outstanding success on account of its very fine, graceful foliage which is of pure white. It is a decided improvement of Diamond and will prove one of the best border plants that can be grown.	.25	1.40
Maritima Diamond. Leaves pure white	.15	.60

	Trade pkt. Oz.	
Columnnea Splendens. The reddish brown opposite leaves are arranged in close rows. The predominant shade of the open throated upright blooms, about 3 inches long, is a burning orange-scarlet. In bloom from September to December.	1.00	....
Convolvulus Major (Morning Glory). Mixed, lb., 70c		

	Trade pkt. Oz.	
Crimson Rambler	.25	1.00
Mauritanicus. Fine trailing species	.25	1.20

	Trade pkt. Oz.	
Dwarf Royal Ensign. Is deep bright ultramarine blue; the deepest and brightest color of all blue annuals. The plants are fairly covered with their attractive blossoms all summer. Use for edging and borders.	.35	....
Cordyline. See Dracaena.		
Coreopsis. See Perennial Pages.		

	Trade pkt. Oz.	
Cornflower. See Centaurea Cyanus.		

Cosmos

COSMOS SENSATION MIXED

Very early giant flowered type. Plants grow 4 to 6 feet. Flowers are quite large, 4 to 6 inches across, with broad fluted petals which slightly overlap. Colors pink and white. For exhibition flowers, leave plants 3 to 4 ft. apart and disbud. Trade pkt., 15c; $\frac{1}{4}$ oz., 30c; oz., 80c.

Pink Sensation. Trade pkt., 20c; $\frac{1}{4}$ oz., 35c; oz., \$1.00.

White Sensation. Trade pkt., 20c; $\frac{1}{4}$ oz., 35c; oz., \$1.00.

	Trade pkt. Oz.	
Early-Flowering Mammoth. White, Pink or Crimson, each	lb., \$3.00	\$0.10
Mixed, all colors	lb., 2.60	.10
Anemone-Flowered (Crested). Mixed	.15	1.00
Double Early-Flowering. Pink, White or Red. They come about 75 percent double	$\frac{1}{4}$ oz., 50c	.25
Early Flowering. Mixed	$\frac{1}{4}$ oz., 50c	.25
Orange Flare. A tropical plant, it should not be sown outdoors until the ground is warm, and if started indoors, it should be given bottom heat of at least 70 degrees. Give it full sun in the garden. Cut flowers should be taken when newly opened	.15	.60

	Trade pkt. Oz.	
Cuphea Platycntra (Cigar Plant). Russet orange, excellent for pots and borders, 1 ft. $\frac{1}{8}$ oz., \$1.20		
Firefly. This is a semi-dwarf, compact growing annual about 12 inches in height. The flowers are freely produced, a deep rosy scarlet color, deepening to almost purple at the center. The plants grow very readily from seed and flower in about five months	$\frac{1}{8}$ oz., \$1.00	
Avalon Hybrids. Curiously attractive, irregularly fashioned blossoms in season-long profusion, the compactly foliated plants seeming at a little distance to be covered with fluttering, bright-hued butterflies. There will be lavender, lilac, pure pink, rose-purple, crimson, fire-scarlet and vermillion, with all possible intermediate shades. An annual of easiest culture in any sunny place. Fine for bedding and border	.50	....

.75

Cyclamen—Persicum Giganteum**Binnewies—German Strain**

250 seeds of one variety at 1000 rate, less than 250 seeds of one variety at 100 rate.

Well known strain we have carried for several years. Seed supplied in originator's packets.

	100 Seeds	1000 Seeds
Bonfire. Brilliant salmon.....	\$1.85	\$16.50
Bright Red.....	1.25	11.00
Dark Blood-Red.....	1.25	11.00
Lavender.....	1.25	11.00
Morning Red (Sunrise). Light salmon, dark eye.....	1.60	13.00
Mozart. Deep pink.....	2.00	18.50
New Ruffled, Mixed.....	2.20	20.50
Orange Beauty. Orange vermillion.....	2.00	18.50
Pink Pearl. Salmon-pink.....	2.00	18.50
Pure Rose.....	1.25	11.00
Pure White.....	1.25	11.00
Rococo Erecta, Mixed. Large fringed flowers.....	1.75	14.50
Saffron Red.....	1.50	12.00
Saffron Red, Silver Edge.....	1.85	16.50
Salmon Scarlet (America Improved).....	2.20	17.50
Salmon-Rose Improved.....	1.65	14.50
Salmon Dark (Glory of Wandsbek or Pearl of Zehlendorf).....	1.65	13.00
Salmon Light (Rose of Zehlendorf).....	1.65	13.00
Soft Rose with Carmine Eye (Improved Rosa von Marienthal).....	1.25	11.00
White with Carmine Eye.....	1.25	11.00
White Crested.....	1.75	14.50
Binnewies Strain. Mixed.....	1.20	10.00
Baardse's Wonder. Salmon flowers bordered white, compact habit of plant, free bloomer.....	1.65	13.00

Dlabka Strain Cyclamen

Bright, strong colors, finely formed flowers; the blooming period is longer than for other strains, keeping the plants in salable condition for a greater length of time.

	100 Seeds	1000 Seeds
Alpine Glow. The color is a glowing salmon in the center of the flower, while the upper part of the petals is silvery white.....	\$1.80	\$16.00
Bright Red.....	1.10	9.00
Fanal. Fiery salmon-red.....	1.90	16.00
Pearl of Zehlendorf. Dark salmon.....	1.40	12.00
Pure Rose.....	1.10	9.00
Pure White.....	1.10	9.50
Red with Salmon Hue.....	1.40	12.00
Rose of Zehlendorf. Light salmon.....	1.40	12.50
Salmon Scarlet.....	1.80	16.00
Dlabka, Mixed.....	1.30	11.00

Double Cyclamen

This strain comes about 80% true from seed.

Admiration. A beautiful salmon-rose with shaded eye.

Cerise Brilliant. A good Christmas color.

Prosperity. An azalea type, a flaming rose.

Rosea. A soft rose with a coral cast shading lighter at petal tips.

Each of the above, \$2.50 per 100 seeds; \$20.00 per 1000 seeds.

Double Mixed. The four above, 100 seeds, \$2.50; 1000 seeds, \$20.00.

Cynoglossum Blue Bird (Improved Chinese Forget-me-not). A lovely plant 18 to 24 inches tall with flowers of a rich, bright blue. May be grown either out-side or under glass.....

Trade
pkt. Oz.
1/4 oz., 25c \$0.15 \$0.80

Fairy Blue. Deep ultramarine blue.....

15 .40

Firmament. A new dwarf type of the Chinese

Forget-me-not. Fifteen to eighteen inches tall, bushy, of a rich blue color, a popular color in the garden. It can also be used as a cut flower.

Does not grow weedy or rank.....

1/4 oz., 50c .25 1.60

Pink.....

15 .50

Cyperus Alternifolius (Umbrella Plant).....

20 1.20

Dahlborg Daisy. Something new and different in uniformly dwarf border annuals. The thrifty little plants grow about 8 inches high and a foot wide, and are quite covered with small yellow daisy-like flowers. Absolute uniformity and early and continuous flowering are two important points in their favor.

1/8 oz., 90c; 1/4 oz., \$1.65 .50 5.00



DAHLIA Unwin's Dwarf Hybrids XXX Strain.
A Splendid Pot Plant Item for Mother's Day.

Dahlia

UNWIN'S DWARF HYBRIDS
(XXX Strain)

Seeds sown in March, plants will be in bloom by the end of June. Graceful semi-double flowers in a wide range of colors. If tubers are divided and potted in February (start in a cool house), they make fine plants for Mother's day. Trade pkt., 25c; 1/4 oz., 60c; oz., \$2.00.

These are easily grown from seed and will bloom first year if sown early.

	Trade pkt.	Oz.
Double Cactus-Flowered. Extra choice mixed.....	\$0.50	\$ 5.00
Selecta. An extra choice strain.....	1/8 oz., \$1.30	.75 8.00
Lilliput, Mixed (Pompon).....	1/8 oz., .85	.50 6.00
Salbach's Selected Mixed.....	100 seeds, 1.70	....
Salbach's Choice Mixed.....	100 seeds, .75	....
Single Coltness Hybrids, mixed, 1 ft.	1/4 oz., .40	.25 1.40
Scarlet. Bright scarlet.....	1/4 oz., .70	.25 2.40
Yellow.....	1/4 oz., .70	.25 2.40
Rose.....	1/4 oz., .70	.25 2.40
White.....	1/4 oz., .70	.25 2.40
Unwin's Ideal Bedding. Twisted petals, double and semi-double in many charming shades. 1/4 oz., 60c	.25	2.00
Zulu. Dwarf double, dark leaved, mixed....	1/4 oz., 60c	.25 2.00
Vaughan's Special Double Mixed.....	.50	4.00

Datura Fastuosa fl. pl. Double mixed, 40 in.....

Double White, 40 in.....

Cornucopiae. White marbled with purple, 40 in....

Triple-flowered. Yellow (Golden Queen), 40 in....

Digitalis, see Perennial Pages.

Dimorphotheca Aurantiaca (Orange Daisy). Glossy

golden orange flowers, 12 in.....

Aurantiaca, New Hybrids.....

Salmon Beauty.....

Ecklonis. White, dark blue center.....

Ringens Double. Grey, double crested center....

..... 1/4 oz., 50c .25 1.80

Spectabilis has a single daisy-like bloom about two

inches in diameter. The color is wine-red with a

shining black center. In habit is similar to other

varieties of Dimorphotheca except that it grows

somewhat taller. Stems twelve to fourteen inches

long are produced in abundance. A half hardy

perennial that should be treated as an annual....

..... 1/4 oz., 70c .25 2.40

Dianthus—Pinks

Barbatus, see Sweet William (Perennial Pages).	Trade pkt.	Oz.
Double Chinese, mixed, 16 in.....	lb., \$4.00	\$0.10
Tom Thumb, Brilliant scarlet, 6 in.....	1/4 oz., 65c	.25
Hedewigii fl. pl. Double Japan pink, choice mixed, 12 in.....	.15	.40
Fireball. Double, brilliant dark scarlet. 1/4 oz., 25c	.15	.80
Rosalind. Double rose.....	1/4 oz., 35c	.15
Single Japanese varieties. Choice mixed.....	.10	.40
Lacinatus Splendens. The flowers are very large, over two inches across, in a brilliant shade of crimson, with a large boldly-contrasting glistening white eye. 1 ft.....	1/4 oz., 25c	.15
Salmoneus. Single, salmony scarlet, 8 in.....	.15	.80
Fl. pl. Double salmon.....	.15	.80
Snowball. Double white.....	.15	.80
Vaughan's Special Mixed, Double and Single Pinks	.15	.80
Vaughan's Special Mixture, Single Pinks.....	.15	.80
Vaughan's Special Mixture, Double Pinks.....	.15	.80

Sweet Wivelsfield

A hardy annual of wonderful colorings. The flowers are larger than Sweet William and borne in trusses. This perpetual-flowering Dianthus has won wide popularity both as a cut flower of lasting quality and as a bedding plant.

Single Mixed. Trade pkt., 15c; 1/4 oz., 25c; oz., 80c.
Double Mixed. Trade pkt., 35c; 1/4 oz., 70c; oz., \$2.40.

Trade pkt. Oz.

Didiscus Coeruleus, Lavender Lace Flower, blue, 2 ft.	\$0.15	\$0.80
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Vaughan's Improved Wilt-Resistant Blue Lace Flower

An improved variety with flowers of a deeper blue and half again as large. Strong heavy stems, many measuring 18 inches from first joint, with well shaped flowers measuring 2 1/2 to 3 1/2 inches in diameter. Sown in August, planted in shallow benches (8 x 8") in October, it will bloom late in February, fully five weeks in advance of its regular flowering period. Not over Carnation temperature needed. Trade pkt., \$1.00; 1/8 oz., \$1.50; 1/4 oz., \$2.75; oz., \$10.00.

Trade pkt. Oz.

Dolichos Lignosus, Australian Pea Vine. Purple.....	\$0.15	\$0.60
Dracaena Australis. Broad-leaved.....	.20	.90
Indivisa. Narrow-leaved.....	lb., \$4.00	.15
Dracocephalum Ruyschianum. Dark blue, 1 ft.....	1/4 oz., 60c	.25

Dusty Miller. See Centaurea and Cineraria.

Echeveria Carnicolor. An attractive winter-flowering pot plant. The rosettes, about 4 inches across, produce many long lasting, brilliant vermillion to orange flowers which make a pleasing color effect together with the bluish green metallic coloring of the leaves. 100 seeds, 35c; 1000 seeds, \$2.80.

Trade pkt. Oz.

Hen and Chicken. De Smetiana. Silvery grey leaves, red flowers. 100 seeds, 25c; 1000 seeds, \$2.00	....	....
Metallica. Leaves of purplish glaucous hue with large spikes of red flowers	....	....

Secunda Glauca. Silvery grey leaves.....	100 seeds, 25c; 1000 seeds, \$2.00	....
Mixed.....	100 seeds, 35c; 1000 seeds, 2.80	....

Retusa Hybrids. The flower spikes, 16 to 21 inches high, with their bright orange to carmine red flowers, are very pretty above the grey-green foliage. Can be had in bloom from October to May.	....	....
....	100 seeds, 30c; 1000 seeds, \$2.50	....
Secunda Glauca. Silvery grey leaves.....	....	....
....	100 seeds, 25c; 1000 seeds, \$2.00	....
Mixed.....	100 seeds, 35c; 1000 seeds, 2.80	....

Echium Blue Bedder. Dwarf rather compact plants about 1 ft. tall. Purplish blue flowers. Blooms in six weeks from sowing until frost.....

1/4 oz., 25c

\$0.15 \$0.80

Erysimum Perofskianum. Orange, 2 ft.....

.10 .30

Erythrina Crista-Calli (Coral Tree). 3 ft.....

....

100 seeds, \$2.00

Euphorbia Heterophylla (Mexican Fire Plant). 3 ft.

.15 .40

Variegata (Snow-on-the-Mountain). Foliage edged white and green, 2 ft.....

lb., \$2.00

.10 .20

Everlasting Flowers. Annual. See Ammobium, Acroclineum, Helichrysum, Rhodanthe, Xeranthemum, Gomphrena and Statice.

Perennials. See Echinops, Eryngium, Gypsophila, Lunaria, Ornamental Grasses, Physalis and Statice.

Exacum Affine. Blue. Fine for pots and baskets.

6 in., 1/4 oz., \$2.00

.50 .

Affine Atro-Coeruleum. New. Dark blue.....

1.00 .

....

Escholtzia

Trade pkt. Oz.

Californica, Dwarf Erecta. 1 ft.

Ramona, golden bronze, coppery rose outside. A new compact flower, beautifully frilled and curled....

\$0.20 \$1.00

Californica, Spreading Varieties. 1 ft.

Carmine King, deep carmine....

.10 .40

Golden West, yellow-orange center....

lb., \$2.40

Mandarin, inside petals orange, outside scarlet....

.10 .25

Mikado, orange-crimson....

.10 .30

Double and Semi-Double.

Robert Gardiner, orange....

1/4 oz., 45c

.25 1.40

Pink....

.20 .90

Monarch Art Shades. Semi-double, and of exquisite

formation, the colors range through light rose and

carmine, and from deep golden yellow through all

the varying tones to orange and scarlet....

1/4 oz., 50c

.25 1.80

Vaughan's Special Mixture.....

.15 .60

Hunnemannia (Bush Escholtzia). Yellow, 18 in.....

.15 .50

Fern Spores

Adiantum Cuneatum	Cyrtomium Rochfordianum compactum
Adiantum Hybridum	Pteris albo-lineata
Adiantum Hispidulum	Pteris serrulata
Adiantum Wrightii	Pteris serrulata cristata
Cibotium Schiedei	Pteris tremula
Aspidium tsusmense	Pteris Wilsonii
Cyrtomium falcatum	Pteris Wimsettii
Cyrtomium Rochfordianum (Holly Fern)	Pteris Wimsettii multiceps
	Pteris Rivertoniana

Any of the above, per trade packet, 75c.

Feverfew. See Matricaria and Pyrethrum.

Forget-Me-Not. See Perennial Pages.

Foxglove (Digitalis). See Perennial Pages.

Freesias

Sow seed in cold frame the middle of May, covering with sash for about three weeks or until plants are up, gradually removing sash so plants become accustomed to air.

Trade pkt. Oz.

Freesia Refracta Alba Pura. Pure white....

lb., \$6.40

\$0.15 \$0.60

Rainbow Hybrids. The colored Freesias....

lb., 12.00

.25 1.20

Hybrida Dalrymple Special Strain. Large sweet-

scented flowers borne on long stems, in blue, lavender

and many shades of yellow

....

100 seeds, 65c; 1000 seeds, \$5.00

Hybrida Tuberigenii. Richest shades, largest flower-

ing hybrids....

1/4 oz., 60c

.35 2.00

....

100 seeds, \$7.50; lb., \$28.00

....

....

Gaillardia Picta. Single mixed....

.10 .20

Indian Chief. Bronzy red....

.10 .40

Lorenziana. Double mixed, 20 in....

.10 .30

Free flowering annual varieties that are useful for cutting.

Garden Heliotrope. See Valeriana, Perennial Pages.

Gazania Longiscapa. Yellow with brown ring....

....

1/4 oz., 60c

.25 2.20

....

Splendens Hybrida Grandiflora. Mixed....

1/4 oz., 80c

.35

....

....

Geranium. Apple-scented....

....

100 seeds, 25c; 1000 seeds, \$1.80

Zonale. Single, extra large-flowering, mixed, choice....

....

1/4 oz., 70c

.35 2.40

Lady Washington....

....

100 seeds, \$2.40; 1000 seeds, \$20.00

Gesneria Robusta Perfecta Hybrids. A fine pot plant.

It belongs to same class as the Gloxinias and needs

same culture in greenhouse....

1.00

Gilia Capitata. Blue (Blue Thimble Flower). Fine

feathery foliage; attractive ball-shaped flowers,

1 in. in diameter, 2 ft....

lb., \$2.00

.10 .20

Coronopifolia. See Ipomopsis.

Globe Amaranth (Gomphrena). Fine everlasting that

can be used for fresh cut flowers and winter

bouquets. Mixed....

....

.10 .25

Globosa. Red-purple, white, and pink....

....

Each, lb., \$2.40

.10 .25

Nana Compacta Rubra. Dwarf for pots, 6 in....

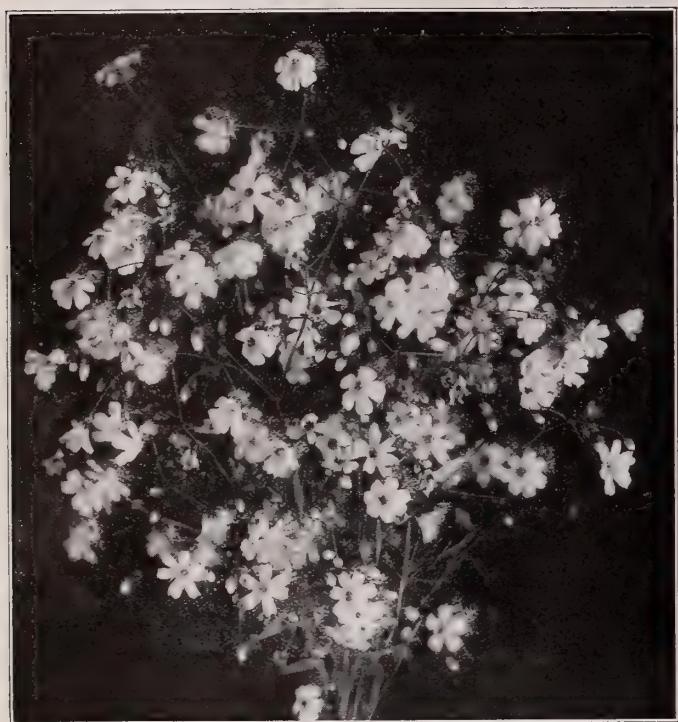
.15 .50

Orange (Haageana). Flower looks like a ripe straw-

berry; a fine everlasting....

lb., \$4.00

.10 .40



GYPSOPHILA Elegans Grand. Alba. London Market Strain. Oz., 20c; $\frac{1}{4}$ lb., 50c; lb., \$1.60; 5 lbs., \$6.50.

Gypsophila

Trade pkt. Oz.

Elegans Grandiflora Alba. London Market Strain.			
Ours is the improved 8-9 overlapping petal strain. Pure white, not to be confused with the ordinary 4-5 petal type.			
..... $\frac{1}{4}$ lb., 50c; lb., \$1.60; 5 lbs., \$6.50	.....	\$0.20	
Elegans Carminea. Deep rose.....	lb., 2.40	\$0.10	.25
Crimson.....	lb., 2.40	.10	.25
Muralis. Dwarf, pink, 6 in.....		.10	.40

Helichrysum Monstrosum Fl. Pl. (Strawflower).

Canary Yellow	Rose Queen	Silvery Pink	
Fireball	Salmon Queen	Violet Queen	
Golden Ball	Silver Ball		
Each of the above.....	lb., \$5.00	.15	.50
Vaughan's Special Mixture.....	lb., 5.00	.15	.50
Double Dwarf Mixed. 1 $\frac{1}{2}$ ft.....		.15	.60

Heliotrope.

Will bloom from seed in four months. Dark Varieties. Mixed.....	$\frac{1}{4}$ oz., 40c	.20	1.40
Mammoth Flowered. Mixed.....	$\frac{1}{4}$ oz., 45c	.25	1.40
King of the Blacks.....	$\frac{1}{4}$ oz., 60c	.25	
Madam Brant. Violet-blue, white eye. $\frac{1}{4}$ oz., 50c	.25	1.60	
Madam Lederle. Giant-flowered dark blue. $\frac{1}{4}$ oz., 50c	.25	1.80	
Queen Marguerite. Dark blue.....	$\frac{1}{4}$ oz., 60c	.25	
White Lady. Pure white.....		.25	

Helipterum Sandfordi.

Attractive bunch-flowered everlasting. Chrome yellow, 12 in.....

.15 .80

Honesty. See Lunaria Biennis.

Hunnemannia Fumariaefolia (Bush Escholtzia). Does well in greenhouse; grow cool, 18 in.....

.15 .50

Sunlite. Double bright canary-colored flowers. Grey-green foliage, 2 ft.....

$\frac{1}{4}$ oz., 45c

.25 1.40

Ice Plant. See Mesembryanthemum.

IMPATIENS

These Impatiens will make splendid pot plants for Christmas and are useful for porch boxes, northern exposure.

Impatiens Holstii. Vermilion, very fine.....

$\frac{1}{16}$ oz., \$1.00; 1000 seeds, .50

Holstii. New Hybrids, extra choice.....

$\frac{1}{16}$ oz., \$1.00; 1000 seeds, .50

Dusky Monarch. New. Blood-red.....

1000 seeds, .50

Liegnitzia. Deep vermillion red, free-blooming, splendid for beds and pots; requires half shade.....

500 seeds, .35

Sultani. Bright rose.....

$\frac{1}{16}$ oz., \$1.00; 1000 seeds, .50

Queen Carola. Chamois.....

500 seeds, .50

Hybrids Mixed.....

$\frac{1}{32}$ oz., \$1.00; 1000 seeds, .50

IMPATIENS—Continued.

Sultani Dwarf Scarlet.....	1000 seeds, \$0.50	.50	....
Dwarf Hybrids Mixed.....	$\frac{1}{16}$ oz., \$1.00; 500 seeds, .50	....
Pink Butterfly (Glanduligera).	The growth is sub-tropically luxuriant, attaining a height of 5 to 7 feet. Free branching. Flowers large with wide lips; color is a really delightful clear, warm pink with just a suspicion of salmon.....		
		.35	....

Ionopsidium Acaule (Diamond Flower).

Pale lilac. $\frac{1}{4}$ oz., 70c

Ipomoea. Bona Nox (Evening Glory), large, blue.....

1 lb., \$2.00

Imperialis Japanese Giant Mixed.....

Japanese Super Giant Mixed.....

New Giant Cornell. The flowers, as large as Heavenly

Blue, are an intense carnelian red with pure white border, reproducing the colors of Cornell University. Growth is rapid and flowers come early, when vine is two feet tall, increasing in number until killing frosts arrive.....

$\frac{1}{4}$ oz., 50c

Noctiflora (Moonflower). White seeded. 1 lb., \$3.20

Clark's Early-Flowering Heavenly-Blue. The im-

proved clear blue early-flowering strain. Fine pot plant item. Sow in 4-inch pots and stake. Flowers when about 2 ft. high (6 weeks) and finds excellent retail appeal.....

4 oz., \$1.75; 1 lb., \$6.40

Improved Early-Flowering. Heavenly Blue. More intense blue.....

4 oz., \$1.75; 1 lb., \$6.40

Scarlett O'Hara Early Selection. Gold medal award

of "All-America Selections." Flowers are a carnelian red, sometimes called carmine, self color about 3 $\frac{1}{2}$ inches across. Stays open longer than other sorts. Foliage is quite distinct, each leaf having one large and two small side lobes.....

$\frac{1}{4}$ oz., 50c

Setosa (Brazilian Morning Glory). Red.....

1 lb., \$3.20

Ipomopsis Elegans. Mixed. Very leafy, the divisions

being needle-like, about one inch long. The flowers are 1 $\frac{1}{2}$ inches long, trumpet shape, borne along the side of the summit of the stem. The colors include vermillion, salmon, apricot, rich pinks and pure yellow.....

$\frac{1}{4}$ oz., 40c

Coronopifolia Scarlet. Same as above except flowers are scarlet.....

$\frac{1}{8}$ oz., 50c

.25 1.40

Kisloma Hirsutum Multiflorum Hybridum. The flowers

are produced in abundance and in various colors and color combinations. Seed sown in January or February will bloom in June or July, and will continue to flower until winter.....

1.00

Jasione Humilis. Pretty blue heads, 1 $\frac{1}{2}$ ft.....

.35

Kalanchoe Globulifera, Var. Coccinea (Blossfeldiana). 12 inches. Bright scarlet flowers. Very

choice pot plant.....

2 trade pkts., 3000 seeds, \$1.00; 1500 seeds

Blossfeldiana Compacta. The flower stalks form one

compact mass of brilliant scarlet umbels just above the foliage. The common type generally produces rather long flower stalks of different heights, whilst this new type is of very even height and has the ideal compact pot-plant habit. A single plant will produce 50 to 60 flower stalks if grown properly.

500 seeds, 80c; 1000 seeds, \$1.40

..... 1.50

Kochia Childsii (Summer Cypress).....

Kudzu Vine. See Pueraria Thunbergiana in Perennial Pages.

Lace Verbena. See Zaluzianskya. $\frac{1}{4}$ oz., \$1.40

.35

Larkspur. See page 19.

Lantana Hybrida. Mixed. Sow early and give bot-

tom heat.....

.15 .80

Lathyrus Latifolius. See Perennial Pages.

Lavatera Rosea Alba Splendens, 30 in.....

.15 .40

Splendens Loveliness (Sunset). Glowing rose-pink

flowers, bronze foliage.....

.15 .40

Lavender Lace Flower. See Didiscus coeruleus.

Lemon Verbena (Aloysia Citriodora). $\frac{1}{4}$ oz., \$1.20

.35

Leptosiphon. French hybrids, 10 in.....

.15 .60

Leptosyne Maritima. Yellow, 24 in.....

Stillmanii. Golden yellow, fine for cutting, blooms

six weeks after sowing, 18 in.....

.15 .80

Golden Rosette. A double form of Stillmanii with

deep butter-yellow flowers. Very free flowering

.....

Leucocoryne Ixioides (Glory of the Sun). Large,

fragrant flowers, blue with white center, charming

for cutting.....

$\frac{1}{8}$ oz., \$2.00

.75 14.00

Leucanthemum. See Chrysanthemum Maximum

in Perennials.

Lilium. See Perennial Pages.

Annual Larkspur

For outdoor blooming start in flats in the house, shift into 2-inch pots and plant in April or sow in the open as soon as ground is ready. To get satisfactory germination from Larkspurs in the hot summer, it is necessary to chill the seeds in an ice box for several days before sowing. Larkspurs must be grown cool. For a greenhouse crop in May, sow in January or February.

Annual Larkspur bought in the wholesale market was suspended in a cool, airy spot where it was allowed to dry for 60 days. When taken out it had not shattered and the color upheld.

GIANT DOUBLE IMPERIAL—4 ft.

This type is the most desirable for outdoor growing. A new race of annual Larkspur of upright growth, branching from the base of plant, producing more and longer flower stems for cutting:

<u>Blue Bell.</u>	Fine medium blue, deeper than sky-blue, yet much lighter than lilac.	<u>Exquisite Pink Improved.</u>	Salmon-pink.
<u>Blue Cockade.</u>	Rich lilac-blue.	<u>Gloria Improved.</u>	Rich, deep rose-salmon.
<u>Blue Spire.</u>	Dark blue.	<u>Lilac Spire.</u>	Beautiful lilac color.
<u>Carmine King.</u>		<u>Los Angeles.</u>	Salmony scarlet.
<u>Coral King.</u>	Blush pink with suffusion of coral.	<u>Miss California.</u>	Deep pink on salmon.
<u>Daintiness.</u>	Delicate lavender.	<u>White King.</u>	Pure white, rounded petals.
<u>Dazzler.</u>	Rich scarlet.		
Each of the above	lb., \$10.00	Trade pkt. Oz.	\$0.25 \$1.00
Vaughan's Special Mixed Giant Imperial, all colors.	lb., \$8.00		.20 .80
Montrose. The color is a clear rose-pink. The florets are exceptionally large, well and closely set on wiry spikes that are 3 to 4 feet long	1/4 oz., 60c		.30 2.00
Rosalind. Rose with just enough suffusion of salmon to create a most pleasing new shade of rose-pink.	1/4 oz., 60c		.30 2.00

DOUBLE STOCK-FLOWERED—4 ft.

<u>Dark Blue</u>		<u>Rosamond.</u>	Pure rose which does not fade
<u>Empress Rose.</u>	Hermosa pink	<u>Rose Queen.</u>	Deep rose-pink
<u>Lilac Supreme.</u>	Deep lilac	<u>Sky-Blue (Ageratum)</u>	
<u>La France.</u>	Salmon-pink	<u>White</u>	Trade pkt. Oz.
<u>Newport Pink (Lustrous Carmine)</u>			
Each of the above	lb., \$5.00	Trade pkt. Oz.	\$0.20 \$0.50
Vaughan's Special Mixed Stock Flowered.	lb., 4.00		.15 .40

IMPROVED GIANT HYACINTH-FLOWERED—45 in.

Blooms much earlier than other tall Larkspurs. Non-branching, each plant produces one big Hyacinth-like spike, broad at the base and tapering toward the top, thickly studded with perfect double blooms to a length of 18 to 20 inches.

<u>Dark Blue</u>		<u>Lilac</u>	
<u>Pink</u>		<u>Purple</u>	
<u>White</u>			Trade pkt. Oz.
Each of the above	lb., \$8.00	\$0.25	\$0.80
Mixed Improved Giant Hyacinth Fld.	lb., 5.00	.15	.50
Linaria Maroccana Excelsior, mixed, 12 in.	.10	.30	
<u>Fairy Bouquet.</u> Compact growth, large flowers in many distinct colors. Blooms early. Flowers resemble miniature Snapdragons.	8 in. 1/4 oz., 40c	.15	1.20

Lupinus

Free-flowering, easily grown annuals, with long, graceful spikes of rich and various colored pea-shaped flowers; valuable for cutting to follow "mums" or sweet peas as a "catch crop."

<u>Hartwegii.</u>	Dark Blue, Oxford-Blue. 24 in.	lb., \$3.00	\$0.10	\$0.30
<u>Light Blue.</u>	Cambridge-Blue	lb., 3.00	.10	.30
<u>White</u>		lb., 3.00	.10	.30
<u>Rose Queen.</u>	Rose-pink	lb., 4.00	.15	.40
<u>Mixed</u>		lb., 2.00	.10	.20

Hartwegii Giants or King Lupinus. This improved new giant strain is over a foot taller than the ordinary strain, reaching a height of 3 or 4 feet. There are five or six long basal branched spikes to each plant, bearing closely placed giant blooms.

<u>King Dark Blue</u>	King White
<u>King Sky Blue</u>	King Mixed
Each of the above	lb., \$5.00
Subcarnosus (Texas Blue Bonnet).	12 in. lb., 2.00
Sulphureus Superbus. Annual Yellow. Takes well on the Chicago market.	28 in. lb., \$4.00

Lobelia

		Trade pkt. Oz.
<u>Erinus Crystal Palace Compacta.</u>	4 in. Deep blue, dark foliage	1/4 oz., 50c
<u>Compacta Blue Gown.</u>	Clear deep blue, without eye, fine compact habit	1/4 oz., 70c
<u>Blue Stone Reselected.</u>	Compact habit, large flowers, brilliant mid-blue	1/4 oz., 75c
<u>Opal.</u>	Rich opal blue, large flowered, compact	1/8 oz., 40c
<u>Mrs. Cibran.</u>	Deep blue, white eye	1/4 oz., 80c
<u>Duplex.</u>	Blue semi-double	.50
<u>Speciosa</u>	Dark flowers and foliage. 10 in.	.15
<u>Emperor William.</u>	Dwarf, gentian-blue, light foliage. 4 in.	1/4 oz., 45c
<u>Pumila Splendens, Bedding Queen.</u>	Dark blue, white eye, dwarf, 4 in.	.25
<u>Alba, Snowball.</u>	4 in. 1/4 oz., 60c	.25
<u>Rosea Pink.</u>	4 in. 1/4 oz., 50c	.25
<u>Sutton's Cambridge Blue.</u>	Light blue with green foliage	1/4 oz., 85c
<u>Dwarf Sorts, Mixed.</u>	1/4 oz., 50c	.25
<u>Prima Donna.</u>	Velvety maroon. 10 in.	.25
<u>Pendula Angelina.</u>	Pure white large flowers. 1/4 oz., 75c	.25
<u>Hamburgia.</u>	Good for hanging baskets; sky-blue, white eye, dark foliage	1/4 oz., 45c
<u>Miranda.</u>	bright rosy purple, clear white eye. 10 in.	.35
<u>Sapphire.</u>	For hanging baskets; large deep navy-blue with white eye	1/4 oz., 50c

Lisianthus Russellianus (Texas Blue Bells) (Eustoma)

Rich deep lilac, black center with yellow stamens	Excellent pot plant. Start seed in January and carry over in a cold house. Keep on dry side; shift into 3" pots in spring; then they will bloom in April.	1/16 oz., 90c	.50	...
<u>Lophospermum Scandens, Climbing Foxglove.</u>	Rose. Mixed	1/16 oz., 80c	.25	...
<u>Marvel of Peru.</u>	Mixed	1/16 oz., 10c	.10	.20
<u>Matthiola Bicornis (Evening Scented Stock).</u>	18 in.		.25	...
<u>Maurandia.</u>	Mixed. Good climber		.25	...
<u>Barclayana.</u>	Blue. Does well in porch boxes on north side of house		.25	...
<u>Mesembryanthemum</u>	Aurantiacum			...

..... 100 seeds 75c; 1000 seeds, \$6.00

Criniflorum (Livingstone Daisy).	The plants are literally covered with one inch flowers of the most delightful shades imaginable. Need full sun and lots of water	1/4 oz., 60c	.25	2.00
<u>Crystallinum (Ice Plant).</u>	Foliage glitters, being covered with ice-like globules, flowers small, pinkish white. For dry sandy spots. 6 in.	1/4 oz., 40c	.10	.40
Tricolor, mixed			.15	1.20

Mignonette

True Machet, Vaughan's Selected Stock.	1/4 oz., 25c	.15	.80	
<u>Goliath.</u> Red, fine		.15	.80	
<u>Golden Goliath.</u>	New immense golden yellow spikes	.15	.80	
New York Market.	Special greenhouse grown. A choice selection for greenhouse culture	1.00	...	
Vaughan's Giant Rocket		.15	.80	
<u>Mimosa Pudica (Sensitive Plant)</u>		.15	.30	
<u>Mimulus Moschatus (Musk Plant)</u>		.35	...	
<u>Tigrinus.</u> Mixed Single Monkey Flower.	1/4 oz., 50c	.15	...	
<u>Large-Flowering.</u> Single, mixed	1/4 oz., 65c	.25	...	
<u>Red Emperor.</u>	Bright crimson scarlet	.25	...	
<u>Musa Ensete.</u>	Per 100 seeds, \$3.00; 1,000 seeds, \$24.00			
<u>Nemesia Strumosa Suttoni.</u>	Orange. 12 in. 1/4 oz., 60c	.25	...	
<u>Strumosa Suttoni.</u>	12 in. Scarlet	1/4 oz., 60c	.25	...
<u>Blue.</u>		1/4 oz., 70c	.25	...
<u>Rose.</u>		1/4 oz., 60c	.25	...
<u>White.</u>		1/4 oz., 75c	.25	...
<u>Mixed.</u>		1/4 oz., 50c	.25	1.80
<u>Nana Compacta Aurora.</u>	Crimson and white. 8 in.	1/4 oz., 60c	.25	...
<u>Brightness.</u>	Brilliant cherry-red	.35	...	
<u>Blue Gem.</u> Blue. 8 in.	1/4 oz., 60c	.25	2.00	
<u>Edelweiss (White Gem).</u> 8 in.		.35	...	
<u>Fire King.</u> Scarlet. 8 in.	1/4 oz., 60c	.25	...	
<u>Orange King.</u> Orange. 8 in.	1/4 oz., 60c	.25	...	
<u>White Queen.</u> Large flowered	1/4 oz., 60c	.25	...	
<u>Triumph.</u> Mixed	1/4 oz., 50c	.25	1.80	

These dwarf Nemesias are fine for pots and combinations.

Marigold

IF BLOOMS ARE REQUIRED FOR EXHIBITION, not more than four branches should be allowed on each plant, and only one bloom on each branch.

TALL AFRICAN DOUBLE IMBRICATED

Guinea Gold. Orange flushed gold, producing many medium sized flowers. 2½ ft. .4 oz., \$4.00; ¼ oz., 40c \$0.20 \$1.40

Yellow Supreme. Broad, loose-frilled petals, rich creamy yellow, honey fragrance. 2 ft. .4 oz., \$4.00; ¼ oz., 40c .20 1.40

TALL AFRICAN DOUBLE FISTULOSA, 3 ft.

An especially fine tall branching strain, bearing enormous flowers of the quilled type.

Lemon Queen, Los Angeles Florist Strain. All double. .4 oz., \$5.00; ¼ oz., 50c .25 1.60

Prince of Orange, Los Angeles Florist Strain. All double. .4 oz., \$5.00; ¼ oz., 50c .25 1.60

Mixed All Double Los Angeles Florist Strain. .4 oz., \$4.00; ¼ oz., 40c .25 1.30

Golden Measure. Large flowers orange flushed gold, blooming freely on fine branching plants. ¼ oz., 50c .25 1.80

Orange Supreme. Flowers are very large, 4 to 5 in. across, perfectly double, with an attractive loose petal formation. Edges of petals are nicely frilled and those in the center fold upward and inward, giving the flower the appearance of a peony. The intense orange flowers are borne on long, stiff stems, making them most desirable for cutting. .50 . . .

OTHER TALL VARIETIES

Burpee Gold. Another Marigold minus the disagreeable odor. Beautiful carnation-like form, attractive habit, uniformity of color and blooming time, fully double. Flowers are an even rich deep orange color, 3½ in. across. .¼ oz., 50c .20 1.80

Burpee's Red and Gold Hybrids. They grow 2½ to 3 in. across. Some are solid red with a brilliance never before seen in Marigolds; others are delightful combinations of red and gold. The flowers vary in color according to season and even in different flowers on the same plant at the same time. .50 . . .

California Giants Mixed. This is an enormous flowering type, height 4 to 5 feet. The color ranges from a lemon to a bright orange with many shadings in between; the flowers are all 4 to 6 inches across. .¼ oz., 50c .25 1.80

Carnation Flowered Lemon Gem. .¼ oz., 40c .20 1.40

Carnation Flowered Golden Eagle. In color between Guinea Gold and Yellow Supreme, which it resembles in height and habit of plant. A most desirable variety for outdoor cutting. .¼ oz., 40c .20 1.20

Carnation Flowered Golden West. Improvement on Guinea Gold; blooms in 15 weeks after seed is sown; larger flowered—flowers grow 3½ inches and more across with petals loosely and gracefully placed; color deep orange; foliage has the marigold odor. .¼ oz., 40c .20 1.20

Chrysanthemum Flowered Hybrids. A mixture of many types, in shades of orange, yellow and primrose. .¼ oz., 50c .20 1.60

Chrysanthemum Flowered Incurved (American Beauty). Mixed .¼ oz., 70c .25 2.40

Golden Orange .¼ oz., 80c .25 2.80

Orange .¼ oz., 90c .25 3.20

Golden Glow. Somewhat resemble in color and appearance the Rudbeckia Golden Glow. Petals are straight, sharply pointed and rather flat. Blooms about 2½ inches across and borne in clusters. .¼ oz., 50c .25 1.60

Limelight. A new color, of pale primrose-yellow or deep cream, in the Dixie Sunshine or incurved Chrysanthemum flowered type. Early-flowering, stronger growing than Early Sunshine and darker free foliage. Not odorless. 1½-2½ inches in diameter, free-flowering and coming quite true. 20 in. .50 . . .

Early Sunshine. Flowers resemble small Chrysanthemums with their curled and interlaced florets, but they are considerably larger, growing 2½ inches across and 1½ inches deep, and best of all, they are extremely early. Bright lemon-yellow flowers most profuse. Ideal for cutting. .¼ oz., 60c .25 2.00

OTHER TALL VARIETIES—Continued.

		Trade pkt.	Oz.
<u>Collarette Crown of Gold</u> , orange, 2½-inch flowers, crested center, broad guard petals, odorless foliage.	¼ oz., 30c	\$0.15	\$1.00
<u>Sunset Giants</u> . Huge flowers with a color range through orange-yellow and primrose. .¼ oz., 50c	.25	1.80	
<u>Mrs. Lippincott</u> . Petals are folded for more than half their length and flare out broadly at the ends, giving a pretty frilled effect. Plants grow 3 ft. tall, well branched and covered with attractive rich creamy yellow flowers 2½ in. across. .¼ oz., 50c	.25	1.80	
<u>Vaughan's Special Mixture Tall African Double Mixed</u> . .¼ oz., 50c	.25	1.40	

DOUBLE TALL FRENCH, 2½ ft.

<u>Ranunculiflora Plena</u> . Dark brown.	.10	.40	
Orange.	.10	.40	
<u>Royal Scot</u> . Gold striped maroon.	.20	1.40	
<u>Sulphurea Plena</u> . Lemon.	.10	.40	
<u>Vaughan's Special Mixture Double Tall French</u> .	.10	.40	

SINGLE TALL FRENCH

<u>Australian Tree</u> . 4½ ft. Brownish yellow. Latest for winter blooming.	¼ oz., 35c	.20	1.00	
<u>Flaming Fire</u> . The long stemmed, brightly colored, large single flowers, 2 in. across, vary in color at different seasons. At times they are flaming red, at other times red and yellow. Plants are much branched, 2½ ft. tall, come into bloom in about 12 weeks.	¼ oz., 50c	.25	1.60	
<u>Ferdinand</u> . Is single flowered with a neat round, crested center of dainty tubular florets in an arresting shade of golden yellow, surrounded by a single row of broad, mahogany-red guard petals. The flowers are of only medium size, 1½ to 1¾ inches in diameter.	.50	...		
<u>Lieb's Winter-Flowering Mahogany-brown</u> with golden yellow-crested center, 4½ ft.	¼ oz., 60c	.35	2.00	
<u>Lieb's Winter-Flowering Sunshine</u> . Golden orange, yellow center.	¼ oz., 60c	.35	2.00	
<u>Josephine</u> . Single dark brown with edging of old gold and a glint of crimson.	.10	.40		

DOUBLE DWARF FRENCH, 1 ft.

<u>All Double Royal Scot Striped</u> .	¼ oz., 50c	.25	1.40	
<u>Early Harmony</u> .	¼ oz., 50c	.25	1.40	
<u>Early Orange Ball</u> .	¼ oz., 50c	.25	1.40	
<u>Early Primrose</u> .	¼ oz., 50c	.25	1.40	
<u>Early Flowering Mixed</u> .	¼ oz., 50c	.25	1.40	
<u>Electric Light</u> . Double form of <u>Legion of Honor</u> .	.10	.40		
<u>Golden Yellow with brown margin</u> .	.15	.50		
<u>Lemon Ball</u> . Yellow.	.15	.50		
<u>Robert Beist</u> . Dark maroon.	.15	.50		
<u>Yellow, Spotted Brown</u> .	.15	.50		
<u>Monarch Strain Mixed</u> . Symmetrical, compact habit, comprising a wide range of fine colors, including orange-brown and mahogany.	.15	.60		
<u>Golden Ball</u> . Extra large double flowers, very dwarf habit.	.15	.60		
<u>Harmony</u> . Flowers are a bright golden yellow with a rich maroon-red border. The plants, being about 12 inches high and of very bushy habit, can be utilized for cutting.	2 oz., \$1.40; ¼ oz., 25c	.15	.80	
<u>Golden Harmony</u> . Each flower is of the quilled scabious type and has a single row of broad guard petals on the outer edge. The color is a luminous golden yellow. 11 in.	¼ oz., 50c	.25	1.80	
<u>Harmony Hybrids</u> . Bright yellows with blotches and stripes with crested centers.	¼ oz., 70c	.25	2.40	

DOUBLE DWARF AFRICAN

<u>Golden Queen</u> . Plants form pyramids of bloom. Flowers 3 in. across with flattish petals.	¼ oz., 25c	.15	.80	
<u>Floribunda Orange</u> . Same large flower and rich color as <u>Guinea Gold</u> , 12 to 15 in. tall.	¼ oz., 25c	.15	1.00	
<u>Floribunda Mixed</u> . Same valuable dwarf free-flowering habit as above, but a mixture. Predominantly orange with some gold and intermediate shades.	¼ oz., 45c	.20	1.40	
<u>Tom Thumb Golden Crown</u> . This is a dwarf form of the well known <u>Guinea Gold</u> . Plants grow only 10 in. high with bright golden yellow flowers, flushed with orange. An outstanding variety.	¼ oz., 50c	.20	1.40	
<u>Queen, Mixed</u> . Large-flowering dwarf African.	¼ oz., 50c	.15	1.00	

MARIGOLD—Continued.

LILLIPUT DOUBLE DWARF, 8 in.

Brown, Golden Yellow, Sulphur-Yellow, Yellow and Brown.	Trade pkt.	Oz.	Each, \$0.15	\$0.80
Yellow Pygmy. Light lemon-yellow, growing only 8 in. tall and compact. Small, 1 1/4-in. blooms, rather free and exciting for edging beds.	.50	...		
Mixed.	.10	.60		

SINGLE DWARF FRENCH, 1 ft.

Diadem. Mahogany-red, edged gold.	.10	.40
Fire Cross. Saffron orange with a brown-red center.	.10	.40
Legion of Honor (Little Brownie).	.10	.40

MEXICAN MARIGOLD. For Pots and Edging.

Gnome. Absolutely uniform in growth and color. Plants grow only 4 to 6 in. high with a spread of 8 to 10 inches; the slender fern-like foliage is fairly covered with dainty golden orange flowers. 1/4 oz., 30c	.15	1.00
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**Nasturtium****DOUBLE TALL FRAGRANT VARIETIES**

	Oz.	1/4 lb.	Lb.	Trade pkt.	Oz.
Caprice. Primrose and salmon-cerise blotched, streaked or mottled in various degrees, often changing considerably in different flowers on the same plant.	\$0.25	\$0.60	\$2.00		
Golden Gleam. Semi-double, yellow.	.10	.30	1.00		
Fire Gleam.	.10	.30	1.00		
Indian Chief. Foliage dark green, vivid scarlet flowers.	.30	.80	3.00		
Mahogany. Large, double, sweet-scented, dark mahogany-red flowers borne with the greatest freedom well above the foliage of the semi-tall plants. Outstanding.	.15	.40	1.40		
Orange Gleam. Orange.	.15	.30	1.00		
Salmon Gleam. Golden salmon.	.15	.30	1.00		
Scarlet Gleam. Bright orange-scarlet, fragrant.	.10	.25	.80		
Supreme. Salmon-cerise.	.15	.30	1.00		
Glorious Gleam Hybrids. Wonderful range of color in double and semi-double flowers.	.10	.25	.80		

DOUBLE DWARF FRAGRANT VARIETIES

Delightful. Soft salmon-cerise, the upper petals prettily marked crimson-maroon.	.25	.75	2.80		
Garnet Gem. Deep, rich, very bright garnet-red with just enough orange to enliven it with an iridescent glow.	.50	1.40	5.00		
Golden Globe. Yellow.	.10	.30	1.00		
Globe of Fire. Scarlet.	.15	.40	1.40		
Mahogany Gem. Velvety, brilliant flowers are rich deep mahogany.	.25	.60	2.00		
Orange Glory. The large, sweet-scented flowers are bright orange; base of each of the upper petals and most of the inside of the throat are painted with deep garnet-brown.	.25	.75	2.80		
Primrose Gem. Sweet-scented soft primrose-colored flowers.	.25	.75	2.80		
Ruby Gem. Large double, sweet-scented, bright ruby colored flowers.	.15	.40	1.40		
Gem Mixed.	.10	.30	1.00		

DWARF SINGLE SORTS

Any of the following, oz., 10c, except where noted.	1/4 lb.	Lb.			
Empress of India. Deep crimson, dark-leaved.	\$0.25	\$0.80			
Golden King. Rich color.	.25	.80			
King Theodore. Rich red, dark bluish foliage.	.25	.80			
Vaughan's Special Dwarf Mixture. Contains a percentage of double flowers.	.5 lbs., \$4.00	.30	1.00		
Dwarf Nasturtiums. Mixed, all colors.	.5 lbs., 2.00	...	.60		

TALL SORTS

Vaughan's Special Tall Mixture. Our mixture contains a liberal amount of Gleam Hybrids.	oz., 15c	.35	1.00		
Tall Sorts in Finest Mixture.	10 lbs., \$4.00	...	.50		

Naegelia Hybrida Mixed. These are similar to the Gesneria, requiring the same treatment. 12 in. Large leaved, with multitude of small tubular flowers in scarlet and cerise.	Trade pkt., \$1.00		
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NIEREMBERGIA HIPPOMANICA

Nicotiana Affinis. White, sweet-scented, 32 in.	\$0.10	\$0.40
Affinis Hybrids. Mixed colors, 32 in.	.10	.40
Crimson Bedder. Rich deep crimson.	1/4 oz., 50c	.25
Nana. Crimson Flame.	...	.35
Sanderae. Crimson King, 30 in.	.10	.50
Hybrids. Mixed, 30 in.	.10	.50
Suaveolens (Orange blossom). An elegant, small-flowered pure white species, delightfully scented, which makes a fine pot plant.	1/6 oz., \$1.00	.50
Sylvestris. Very beautiful, sweet, pure white, 5 ft..	.15	.50
Nierembergia Frutescens. Lilac.	.25	...
Gracilis. Light blue, 16 in.	1/8 oz., 50c	.25
Hippomanica. Coerulea. Grows not more than 4 to 6 inches high, forms a cushion of elegant light green foliage covered with flowers of a delicate lavender hue, 1 to 1 1/4 inches across; clear yellow eye. Outstanding pot and bedding item.	1/6 oz., \$2.00	.50
Nigella Damascena, Miss Jekyll. Double blue, 18 in.	.10	.20
Hispanica. Dragon Fly. Rich dark blue.	.15	.80
Nolana. Blue Ensign. Native Chilean Bellflower (Nolana Lanceolata) bred into a much superior plant. In pots it will grow 12 to 15 inches high; outdoors it spreads a little and throws up large ultramarine-blue flowers on stems 5 or 6 inches high. In shape these resemble an Ipomoea, enhanced by the large pure white center. Sow outdoors in May where the plants are to bloom. Fragrant.	.35	...
Nycterinia Capensis. White, sweet-scented, 1 ft.	1/4 oz., 40c	.15
Oxalis Tropaeoloides. Yellow, brown foliage, 3 in.	1/4 oz., 70c	.25
Rosea. Very fine, 6 in.	.50	...
Valdiviana (Golden Cloth). Yellow, sweet. 6 in.	.25	...
Passiflora Coerulea (Passion Flower). Blue, 1/4 oz., 40c	.20	1.20
Pennisetum Rueppelianum (Purple Feather Grass). 36 in. Excellent ornamental grass.	.15	.50
Longistylum, 18 in.	...	.15

Pentstemon

These attractive tubular or bell-shaped flowers produced on good strong spikes make very fine plants that are exceptionally good for bedding and border planting. Although perennial in warmer climate, they are easily grown as annuals. Sow seed early (January-March) and treat as other annual bedding plants.			
Sensation. The most brilliant and varied colors; many of them are beautifully edged with a fine contrasting color.	2 ft.	1/4 oz., 80c	\$0.35 \$2.80
Red Shades.	2 ft.	1/4 oz., \$1.00	.35
Pink Shades.	...	1/4 oz., 1.00	.35
Violet Shades.	...	1/4 oz., 1.00	.35
Miniature Hybrids. 2 1/2 to 3 ft. Graceful sprays covered with miniature flowers in a wide color range.	...	1/4 oz., \$1.00	.35
Southgate Gem. Crimson-scarlet. Splendid for pots and bedding out.	2 ft.	1/4 oz., 75c	.25



Pansy Trials Grown in Raised Bench at Vaughan's Greenhouses, Western Springs, Ill.

Giant Pansies

Swiss Alpenglow. Rich wine-red shades.....	Trade pkt.	1/4 Oz.	Oz.	
..... 1/8 oz., \$1.00		0.50	\$1.75	\$6.00
Swiss Berna. Dark violet-blue..... 1/8 oz., 85c		.50	1.50	5.00
Swiss Blue (Ullswater. Thuner Sea). The most distinct rich deep ultramarine blue with darker blotches..... 1/8 oz., 85c		.50	1.50	5.00
Swiss Coronation Gold. Flowers canary-yellow with lower petals flushed golden orange, round flowers as much as 3 in. across, with slightly ruffled edges. This is the best pure yellow pansy..... 1/8 oz., 85c		.50	1.50	5.00
Delft Blue. Porcelain-blue..... 1/8 oz., 90c		.50	1.65	6.00
Swiss Fire Beacon. Very unusual shade, bright wallflower-red with a touch of orange..... 1/8 oz., \$1.25		.50	2.25	8.00
Swiss Luna. Soft sulphur-yellow self, round substantial flower with frilled edge. A delicate and lovely color, varies..... 1/8 oz., \$1.25		.50	2.25	8.00
Swiss Ophir. Blotched golden yellow..... 1/8 oz., \$1.00		.50	1.75	6.00
Swiss Pure White. Very free-blooming, large, well shaped flower. The best pure white Pansy..... 1/8 oz., \$1.00		.50	1.85	7.00
Swiss Rhinegold. Canary-yellow with dark blotches..... 1/8 oz., \$1.00		.50	1.75	6.00

GIANT MIXTURES

Vaughan's Long Stemmed Winter-Flowering Reselected Mixed.

This strain is the result of a great amount of individual plant selection work and represents the finest strain of Long Stemmed Pansies that we have ever seen. It has a much wider color range than other Winter-Flowering strains and has an excellent stem length, averaging better than 10 in. The bloom size is from 2 1/2 to 3 in. and the flowers are of very good substance. Sow in summer for midwinter blooming. Trade pkt., \$1.00; 1/8 oz., \$2.00; 1/4 oz., \$3.50.

VAUGHAN'S IMPROVED SWISS GIANT MIXTURE

The flowers of this strain are of enormous size, 3 inches and over in diameter. They are perfectly round with overlapping petals, borne on strong stalks well above the remarkably luxuriant foliage. Thick petals, of a rich velvety texture, give this strain of pansy the required substance so necessary to a perfect pansy.

The superb colors and color combinations—salmons, yellows, pinks, rich reds and blues, are their distinctive feature. Excellent for greenhouse culture. Trade pkt., 50c; 1/8 oz., \$1.00; 1/4 oz., \$1.80; oz., \$6.00; 2 oz., \$11.50; 4 oz., \$20.00.

VAUGHAN'S SUPER SWISS GIANT MIXTURE

We have made a special mixture from three or four growers' stocks. Many of the flowers are five blotched. All the vivid colors of the type are represented in their enormous size and wavy and crinkly flowers. Trade pkt., 75c; 1/8 oz., \$1.20; 1/4 oz., \$2.10; oz., \$7.00.

SWISS DWARF MIXED

For those who desire a dwarfer plant than the original type, we have had our grower make this selection. The colors are the same as in the original strain but the plant itself is considerably shorter. Trade pkt., 50c; 1/8 oz., \$1.00; 1/4 oz., \$1.80; oz., \$6.00; 4 oz., \$20.00.

GENEVA GIANT MIXED

A special selection of Swiss Giants. The seed we supply is from the originator in Geneva, Switzerland. Trade pkt., \$1.00; 1/8 oz., \$2.25; 1/4 oz., \$4.20; oz., \$16.00.

DWARF GENEVA GIANT PANSIES

Special selection of Geneva Giants of dwarf habit. Rich assortment of colors. Trade pkt., 50c; 1/8 oz., \$1.00; oz., \$7.00.

VAUGHAN'S MAPLE LEAF GIANT MIXED

A distinct variety we introduced several years ago, having very large leaves and flowers of gigantic size, 4 to 5 inches across, perfectly round, of heavy substance in many attractive colors and color combinations. Trade pkt., 50c; 1/8 oz., \$1.00; 1/4 oz., \$1.80; oz., \$6.00; 4 oz., \$20.00; lb., \$70.00.

VAUGHAN'S SUPER MAPLE LEAF MIXTURE "CANADIAN GIANTS"

This strain is even finer than the above, with flowers of unbelievable size and texture, larger than in any other strain, while the plants are also of compact growth and the extra large foliage is a rich, dark green. Trade pkt., 75c; 1/8 oz., \$1.30; 1/4 oz., \$2.50; oz., \$9.00.

VAUGHAN'S GIANT MIXTURE

Besides a good share of the "Fancy" strains such as Masterpiece, Swiss Giant, etc., this mixture contains all the self colors such as white, yellow, blue, purple, red, bronze, etc., and is probably the best "general" high grade mixture obtainable. All the flowers are of the "Giant" type. Trade pkt., 50c; 1/4 oz., \$1.25; oz., \$4.00.

VAUGHAN'S INTERNATIONAL MIXTURE

This is a mixture of special strains such as Bugnot, Masterpiece, Swiss Giants, Triumph of the Giants, Boulogne Giants—all 3- and 5-spotted flowers of largest size and great substance in the most varied colors and color combinations. Since this mixture contains but very few self colors, such as white, blue and yellow, these should be ordered separately if desired. Trade pkt., 50c; 1/8 oz. 90c; 1/4 oz., \$1.65; oz., \$6.00; 4 oz., \$20.00.

America, Ideal Bedding or Basket Pansy (Improved Donovan). Good substance with wide color range. Free-flowering. Trade pkt., 50c; 1/4 oz., \$1.80; oz., \$6.00; 4 oz., \$20.00; lb., \$70.00.

Boulogne Giant Mixture. The flowers are of large size, great substance. Trade pkt., 50c; 1/8 oz., \$1.40; 1/4 oz., \$2.60.

Donovan's Strain. Used by Michigan growers. Trade pkt., 50c; 1/4 oz., \$1.40; oz., \$5.00.

Early Flowering, Mixed. Trade pkt., 15c; 1/4 oz., 30c; oz., \$1.00; lb., \$12.00.

Engelmann's Special Mixture. Scottish show type, immense flowers, bronze and reddish shades, compact and early flowering. Trade pkt., 50c; 1/8 oz., \$1.20; 1/4 oz., \$2.25; oz., \$8.00.

Engelmann's Giant Mixture. Dark and light shades, huge flowers, compact and early flowering. Trade pkt., 50c; 1/8 oz., \$1.20; 1/4 oz., \$2.25; oz., \$8.00.

Orchid-Flowered Eldorado Art Shades. A lovely type, including only pretty tints and combinations of cream, primrose, pale mauve and other delicate shades, the well formed flowers being exquisitely frilled. These delicate shades should not be mixed with stronger colors. Trade pkt., 35c; 1/4 oz., \$1.25; oz., \$4.60.

Jumbo Mixed. Extra large and early; long stemmed flowers. Trade pkt., 50c; 1/16 oz., \$1.00; 1/8 oz., \$1.75; 1/4 oz., \$3.25; oz., \$12.00.

Masterpiece—Giant Curled. The colors are superb, mostly red and brown shades. Trade pkt., 25c; 1/4 oz., 60c; oz., \$2.20.

Trimardeau Mixed. Many colors. Trade pkt., 15c; 1/4 oz., 30c; oz., \$1.00; lb., \$12.00.

Triumph of the Giants. A mixture of brilliant colored varieties. Trade pkt., 35c; 1/4 oz., 85c; oz., \$3.00.

True Scotch Show Mixture. Fancy mixture in excellent range of colors, including carmine, ruby and brown, all beautifully blotched, with flat substantial flowers. Short habit, large leaves. Trade pkt., 50c; 1/4 oz., \$1.80; oz., \$6.00.

Petunias



PETUNIA Vaughan's Dwarf California Giants Improved

DWARF CALIFORNIA GIANTS IMPROVED

(Vaughan Blend)

This is the best strain of giant-flowered Petunias in existence for pot culture and bedding. The plants are bushy, grow about 12 inches high and produce their immense flowers freely and in a wonderful variety of colors. This "Vaughan Blend" is a mixture of seeds from two of Europe's best Petunia growers, whose cultures we have inspected many times.

$\frac{1}{2}$ Trade pkt., 75c; Trade pkt., \$1.25; $\frac{1}{16}$ oz., \$2.25;
 $\frac{1}{32}$ oz., \$4.00; $\frac{1}{16}$ oz., \$7.00.

Dwarf California Giants. Dark Selection. This is a favorite with many growers and it has given universal satisfaction.

$\frac{1}{2}$ Trade pkt., 60c; Trade pkt., \$1.00;
 $\frac{1}{32}$ oz., \$3.20; $\frac{1}{16}$ oz., \$5.50; $\frac{1}{8}$ oz., \$10.00.

Dwarf Giants of California. Ramona Strain, Dark and Light Shades. A dwarf sturdy growing type especially suited to pot culture. Flowers are beautifully ruffled and fringed with open well marked throats.

$\frac{1}{2}$ Trade pkt., 60c; Trade pkt., \$1.00
 $\frac{1}{16}$ oz., \$1.75; $\frac{1}{32}$ oz., \$2.75; $\frac{1}{16}$ oz., \$5.00

RUFFLED GIANTS WITH LARGE-VEINED THROATS

The flowers in this section measure from 5 to 7 inches across.

Trade pkt. Oz.

White. With yellow throat..... $\frac{1}{16}$ oz., \$1.20 \$0.50

Camilla. A beautiful, rose-pink color; rich crimson veining forms a wide halo toward the center..... $\frac{1}{16}$ oz., \$1.20 .50

Copper-Red. Dark-throated..... $\frac{1}{16}$ oz., 1.25 .50

Copper Rose..... .50

Copper Scarlet (Ruhm von Rieder). An outstanding variety in our trial ground. Ruffled giant analin red flowers with large throat..... .50

German Empress. Lilac veined purple. $\frac{1}{16}$ oz., \$1.25 .50

Vaughan's Best Mixture. Large-flowering single sorts. This mixture is made up by ourselves from all the best single Petunias, both fringed and plain-edged, and will give the most satisfactory results. Trade pkt., 50c; $\frac{1}{32}$ oz., \$1.50;
 $\frac{1}{16}$ oz., \$2.80; oz., \$42.00.

The flowers shown on our front cover illustrate the quality of our Vaughan Blend of Dwarf Giants of California. Most carefully rogued to type, growth and proper color balance.—"The World's Best." We flowered over 150 lines of Petunias for quality check in 1939 and believe our Florist Strains to be the very finest obtainable.

RUFFLED GIANTS—Continued.

Trade pkt. Oz.

★ Giants of California. Mixed. This is a most superb mixture, not at all to be compared with the seed usually offered. $\frac{1}{16}$ oz., \$1.00; $\frac{1}{32}$ oz., \$1.80; $\frac{1}{16}$ oz., \$3.00 \$0.50
Princess of Wuerttemburg. Rose. $\frac{1}{16}$ oz., 1.20 .50
Prince of Wuerttemburg. Rich dark red with dark throat. $\frac{1}{16}$ oz., \$1.20 .50
Salmon Beauty (Marylyn). A unique color, much admired by women. $\frac{1}{32}$ oz., \$2.80; $\frac{1}{16}$ oz., \$1.50 .75
Supreme Florist strain of Giants of California. A strain of rose and pink shades with large ruffled, shallow, open throated flowers freely produced on strong growing plants. $\frac{1}{32}$ oz., \$2.40; $\frac{1}{8}$ oz., \$9.00 1.00
Ruffled Monsters in mixture. $\frac{1}{8}$ oz., \$6.00; $\frac{1}{32}$ oz., \$1.60; $\frac{1}{16}$ oz., \$1.00 .50

LARGE SINGLE FRINGED

(Flowers 3 to 4 inches across)

Colorado Sunset. Dwarf, fringed, rose-pink. Makes a fine pot plant. 18 in. $\frac{1}{16}$ oz., \$1.20; $\frac{1}{32}$ oz., \$2.00 .50
Columbia (The Art). Pleasingly attractive pink and white. Base-branching habit gives excellent 18 in. stems for cut flower work. $\frac{1}{32}$ oz., \$2.80; $\frac{1}{16}$ oz., \$1.50 .50
Dainty Lady. The plants are neat, compact, semi-dwarf and free flowering, bearing generous quantities of medium sized, delicately fringed dark cream colored flowers.50
Fluffy Ruffles. A very choice strain, finely fringed and ruffled; mixed colors. $\frac{1}{32}$ oz., \$1.25; $\frac{1}{16}$ oz., \$2.00 .50
Golden Jubilee. It has finely fringed and delicately crinkled petals of bright carmine, tinged with scarlet, with a golden throat with light bronze colored markings. Flowers are $3\frac{1}{2}$ in. in diameter and the plants very free blooming. $\frac{1}{16}$ oz., \$5.40; $\frac{1}{16}$ oz., \$1.50 .75
Rapture. Orchid rose, deep rose veins, golden throat. $\frac{1}{32}$ oz., \$1.25 .50
Romany Lass. Coppery crimson, dark throat. $\frac{1}{16}$ oz., \$1.25 .50
Royal Beauty (Marine). The most beautiful of all blue Petunias. $\frac{1}{16}$ oz., \$1.40; $\frac{1}{32}$ oz., \$2.50 .50
Scarlet Beauty. Bright scarlet. Good sized, well fringed beautiful flower.50
Theodosia. Large flowered, fringed, rosy pink with a clearly defined, golden throat. $\frac{1}{16}$ oz., \$1.20 .50
White Beauty. White fringed. $\frac{1}{16}$ oz., .75c .50

LARGE SINGLE PLAIN EDGED

(Flowers 3 to 4 inches across)

Trade pkt. Oz.

Blue Beauty. A new large-flowering Petunia of clear, deep blue. Flowers of extra large size on plants of vigorous growth. Extremely free flowering. $\frac{1}{16}$ oz., \$1.20 \$0.50
Burgundy. Large-flowered, $3\frac{1}{2}$ -inch blooms, shades of purple or carmine with white throat and tube with violet veins. $\frac{1}{32}$ oz., \$1.20 .50
Dwarf Pink Glory. Compact habit, pure flame rose-pink. $\frac{1}{32}$ oz., \$1.80 .50
Giant Pink Glory. Larger and somewhat taller than the above. $\frac{1}{32}$ oz., \$1.80 .50
Giant Flaming Velvet. Vivid velvety blood-red comes 100% true. $\frac{1}{16}$ oz., \$1.20 .50
Dwarf Elk's Pride. Velvety violet. Customers will find our strain vastly superior to quality usually offered. It is really "re-selected". $\frac{1}{16}$ oz., \$1.00; $\frac{1}{32}$ oz., \$1.80; $\frac{1}{16}$ oz., \$4.50; $\frac{1}{4}$ oz., \$8.00 .50
Purple Robe (Silver Seam). Silver edge blue-black. A deep velvety violet, enhanced by a fine silver line, appearing at the edge of the flower. We discovered a choice strain with a European grower. $\frac{1}{16}$ oz., \$1.30 .50
Queen of the Market. Deep carmine red with a scarlet hue. Flowers fine shape and slightly waved. The nearest to a scarlet Petunia. $\frac{1}{16}$ oz., \$1.80 .50



PETUNIA ALL-DOUBLE TYPE

Petunias—Continued

LARGE SINGLE PLAIN EDGED—Continued. Trade pkt. Oz.
 Velvet Ball. This new compact dwarf Petunia is of the same deep velvety crimson color as were the best plants in the variety Flaming Velvet, which latter sort has proved so popular. $\frac{1}{32}$ oz., \$1.20; $\frac{1}{16}$ oz., \$2.20 \$0.50

Snow Storm. Flowers are the purest white and the uniformity of the dwarf compact growth is marvellous. We think this is one of the best large-flowered single white. . . . $\frac{1}{8}$ oz., \$10.00; $\frac{1}{32}$ oz., \$3.00; $\frac{1}{64}$ oz., \$1.75 .75

LARGE-FLOWERING DWARF (Erfurt strain) Trade pkt. Oz.
 Gaiety. Plants are bushy, 8 to 12 in. high, and are covered with large, daintily fringed rose and white blooms. $\frac{1}{64}$ oz., \$1.25; $\frac{1}{32}$ oz., \$2.00 \$0.50

Gottfried Michaelis. Dwarf, 12 in. daintily fringed, bright amaranth red with dark throat. $\frac{1}{32}$ oz., \$1.40 .50

Lace Veil. 12 in. White flowers $2\frac{1}{2}$ in. across. $\frac{1}{64}$ oz., \$1.40; $\frac{1}{32}$ oz., \$2.50 .50

Setting Sun. 12 in. Compact bushes, brilliant rose-pink. The very best of its color. $\frac{1}{64}$ oz., \$1.50; $\frac{1}{32}$ oz., \$2.50 .50

White Cloud. 12 in. A great favorite on account of its dwarf compact habit. $\frac{1}{32}$ oz., \$1.50; $\frac{1}{16}$ oz., \$2.65; $\frac{1}{8}$ oz., \$5.00 .50

Dwarf Grandiflora Ruffled Mixed. The above and others. This is fine for combinations. $\frac{1}{32}$ oz., \$1.80 .50

BALCONY PETUNIAS

The strong branching growth makes this type especially suitable for window or porch boxes and hanging baskets. Trade pkt. Oz.

Queen (Blue Star). Blue and white. $\frac{1}{32}$ oz., \$1.50 \$0.50

Blue. Velvety violet blue. $\frac{1}{8}$ oz., 80c; $\frac{1}{4}$ oz., \$1.50 .35

Carmine King. $\frac{1}{8}$ oz., \$1.00 .35

Cornflower Blue (Blue Wonder). Several shades lighter than the regular Balcony Blue. $\frac{1}{8}$ oz., 70c .35

Copper Rose. A beautiful warm color, free bloomer.35

Rosy Morn. This beautiful color, which for a quarter century or more has maintained its popularity in the Nana Compacta class, is now available in the Balcony type. We think the contrasting colors of pink with a white throat are even more beautiful in this new form. $\frac{1}{8}$ oz., \$1.00; $\frac{1}{4}$ oz., \$1.80 .50

BALCONY PETUNIAS—Continued.

	Trade pkt.	Oz.
Rose.	$\frac{1}{4}$ oz., 80c	\$0.25
Star of California. Violet shaded crimson, white blotches.	$\frac{1}{4}$ oz., 85c	.35
White.	$\frac{1}{4}$ oz., 85c	.25
Balcony Mixed, the above.	$\frac{1}{4}$ oz., 75c	.25

BALCONY BLACK PRINCE. A wonderful bedding variety, color of deep rich velvety red. Free bloomer. Similar to Flaming Velvet, but richer in color and approximately 100 percent true. Trade pkt., 35c; $\frac{1}{4}$ oz., \$1.70; $\frac{1}{8}$ oz., \$1.00.

Double Petunias

ALL-DOUBLE VARIETIES

We offer Originator's seed only.

All-Double Amaranth Red.		
All-Double Appleblossom (Daintiness). Soft salmon-pink flowers.		
All-Double Dwarf Giant Fringed Pure White (Snowball).		
All-Double Purple.		
All-Double Dwarf Carmine Glory. Brilliant carmine flowers (Mammoth Peony-flowered).		
All-Double Dwarf Giant Fringed Loveliness. Clear pink. Very double compact habit.		
All-Double Orchid Beauty. Dwarf Giant Fringed variety, averaging about 4 in. across on sturdy plants a foot tall. Color orchid or light lilac, heavily veined deeper lilac or violet. Contains semi-doubles but mostly fully double.		
All-Double Gaiety. Rose-red and white with beautifully frilled petals. Flowers three and one-half inches across.		
All-Double Dwarf Rose-Carmine (World Beauty). Fringed bright carmine flowers.		
All-Double Dwarf Giant Fringed Mixed (Victorious) (Vaughan's Formula Mixture). The flowers are very large, exquisitely ruffled and fringed. Our mixture is made up entirely of separate colors. Each of the above: 500 seeds, \$1.25; 1000 seeds, \$2.00; 3000 seeds, \$5.00; $\frac{1}{128}$ oz., \$3.50; $\frac{1}{64}$ oz., \$6.50; $\frac{1}{32}$ oz., \$12.50; $\frac{1}{16}$ oz., \$22.50.		

PLEASE NOTE:

Highly bred double petunia seed is not as vigorous in growth as is that of single strains. To some extent this lack of vigor extends to the seed. Seed of our all-double strains has been carefully tested in soil, and, if carefully handled, we know it will germinate 60-70%. For this reason and because of its high cost we cannot entertain claims of non-germination of this seed. If handled with due care, we know it will grow.

DOUBLE LARGE-FLOWERING

Double Fringed Rose-Pink and White. Bright rose-pink flowers with a large white frill, giving the flowers the appearance of being huge balls of pink and white lace.	500 seeds, 85c; 1000 seeds, \$1.50	Trade pkt. Oz.
Double Crimson. 500 seeds, 85c; 1000 seeds, \$1.50		
Double Shepherd's Pride. Flowers large, very double, fringed and of an alluring shade of salmon or shrimp-pink. 500 seeds 85c; 1000 seeds, \$1.50		
Vaughan's Special Mixture. Double extra choice, 500 seeds, \$1.00; 1000 seeds, \$1.80. $\frac{1}{64}$ oz., \$6.50		

SMALL-FLOWERING DOUBLE

From 40 to 50% of double flowers can be expected of the following.		
Rosy Morn. A beautiful double pink.	Trade pkt. Oz.	
Setting Sun. $\frac{1}{64}$ oz., \$1.60; 5000 seeds, \$4.00; 1000 seeds, \$1.00		

Snowball. Double Lilliput White.	$\frac{1}{64}$ oz., \$1.60; 1000 seeds, 1.00
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SINGLE SMALL-FLOWERED SORTS

Blue King. Like Violacea in habit but several shades lighter.	$\frac{1}{4}$ oz., 40c	.25	1.40
Flaming Velvet. Rich brilliant velvety blood-red or crimson flower.	$\frac{1}{4}$ oz., 90c	.35	3.20
General Dodds. Superseded by Flaming Velvet.			
Hollywood Star. Five pointed star, rose-pink, creamy eye.	$\frac{1}{4}$ oz., \$1.40; $\frac{1}{8}$ oz., 80c	.50	....
Howard's Star. Improved; reselected. $\frac{1}{4}$ oz., 90c		.35	3.00
Norma. Violet blue with white star. $\frac{1}{4}$ oz., 40c		.25	1.40
Topaz Rose. The color is a fiery velvety rose slightly suffused with gold, and the throat is the color of topaz. $\frac{1}{4}$ oz., \$1.00		.35	3.75
Violacea. Violet. $\frac{1}{4}$ oz., 50c		.25	1.70



PETUNIA ROSY MORN SELECT

PETUNIA—Continued

SINGLE SMALL-FLOWERED DWARF SORTS

Admiral. Reselected. Our stock is from the introducer and is the finest obtainable. This is the best dwarf clear blue Petunia, of good size, and even compact growth. $\frac{1}{2}$ oz., \$1.75; $\frac{1}{8}$ oz., \$0.60; trade pkt., 75c.

	Trade	pkt.	Oz.	
Alderman. Dark violet.....	$\frac{1}{4}$ oz., 60c	0.25	\$2.20	
Blue Ball. Early flowering velvety violet blue. Dwarf and compact growth. One of the best ever offered.....	$\frac{1}{4}$ oz., 60c	.25	2.20	
Blue Bird. Deep violet, extra fine.....	$\frac{1}{4}$ oz., 60c	.25	2.00	
Blue Bird. Light Selection. A very fine even midblue. Varies a little in height. $\frac{1}{16}$ oz., \$1.00; $\frac{1}{4}$ oz., \$3.00	.50	....	
Celestial Rose Improved. A great improvement on Rose of Heaven, being more compact in growth and deeper in color. A beautiful rich satiny rose.	$\frac{1}{8}$ oz., 75c; $\frac{1}{4}$ oz., \$1.25; 2 oz., \$7.00	.35	4.00	
Cockatoo. The flowers are a velvety deep violet-purple with irregular sized white spots and stars. 8 in.	$\frac{1}{8}$ oz., \$1.20	.35	....
Cream Star. Flowers grow $2\frac{1}{4}$ in. across and are shaped like five-pointed stars; soft creamy white deepening towards the throat to a bright golden yellow. Plants, when fully grown, are 12 in. high and 14 in. across, neatly rounded and completely covered with flowers over the sides and top.....	.50	....	
Crimson. Superseded by King Henry.				
Dwarf Howard's Star. Compact habit. Flowers white rayed with reddish purple.	$\frac{1}{8}$ oz., \$1.20	.50	....
Dwarf Inimitable. Blotched and striped.	$\frac{1}{4}$ oz., 40c	.25	1.40	
Glow. A dwarf bushy plant covered with flowers $2\frac{1}{8}$ in. across of a dazzling carmine red. The richness of color excels all other existing varieties of a similar type. Silver Medal Award All-America 1939; was held over to 1940 to increase seed supply. $\frac{1}{2}$ oz., \$2.50; $\frac{1}{16}$ oz., \$4.50; $\frac{1}{8}$ oz., \$8.00; $\frac{1}{4}$ oz., \$15.00	.75	50.00		
Heavenly Blue. Dark Selection.....	$\frac{1}{8}$ oz., 90c; $\frac{1}{4}$ oz., \$1.50	.50	4.80	
Heavenly Blue. Reselected.	$\frac{1}{8}$ oz., 90c; $\frac{1}{4}$ oz., \$1.50	.50	4.80	
King Henry (Dwarf Flaming Velvet). Large flowers of a rich velvety blood-red color. Very free flowering. Dwarf compact habit.	$\frac{1}{2}$ oz., \$1.20; $\frac{1}{8}$ oz., \$4.00; $\frac{1}{4}$ oz., \$7.50	.50	....
Ladybird. Bright carmine overlaid with scarlet. Excellent pot plant, and suitable for bedding.	$\frac{1}{2}$ oz., \$2.50; $\frac{1}{16}$ oz., \$4.50; $\frac{1}{8}$ oz., \$8.00; $\frac{1}{4}$ oz., \$15.00	.75	....
Martha Washington. Flowers frilled and ruffled, 3 inches in diameter. Blush pink veined rich wine-red, deepening at throat, which is a dark violet. 9 in.	$\frac{1}{2}$ oz., 90c; $\frac{1}{16}$ oz., \$1.60	.50	....

SINGLE SMALL-FLOWERED DWARF SORTS—Cont. Tr. pkt. Oz.
Miniature, 6 in. A new strain of dwarf compact miniature sorts.

Baby Cockatoo. Flowers velvety deep violet-purple with irregular sized white spots and stars.			
Brilliant Rose Gem. Rich deep rose.	$\frac{1}{8}$ oz., 90c	0.35	....
Pink and White Gem. ....		.35	....
Rose Gem. Deep rose.	$\frac{1}{8}$ oz., 90c	.35	....
Royal Gem. Deep rosy crimson-carmine, lightly veined carmine throat.	$\frac{1}{16}$ oz., \$1.00	.50	....
White Gem. ....		.50	....
Periwinkle. A delightful pastel blue.	$\frac{1}{4}$ oz., 70c	.25	\$2.40
Rose King Improved. Deep clear rose-pink. $\frac{1}{4}$ oz., 60c	.25	2.20	
Rose of Heaven Supreme. The best strain on the market. One of our "finds" on an inspection tour.	$\frac{1}{16}$ oz., \$1.20; $\frac{1}{8}$ oz., \$2.00	.50	....
Rose of Heaven. No. 22. Extra dwarf.	$\frac{1}{4}$ oz., \$1.00	.50	3.60
Rose Queen Improved. New, intense brilliant rose.	$\frac{1}{4}$ oz., \$1.60; $\frac{1}{8}$ oz., 90c	.50	4.80
Rosy Morn. Select. Pink with white throat.	$\frac{1}{4}$ oz., 75c	.35	2.50
Rosy Morn Improved. Very attractive color, bright, and comes very true, slightly deeper in shade than the original.	$\frac{1}{4}$ oz., \$1.25	.50	4.00
Salmon Supreme. Distinct new light salmon color. Flowers about $1\frac{1}{2}$ in. across with white throat and plain petals.	$\frac{1}{16}$ oz., \$1.20; $\frac{1}{8}$ oz., \$2.00	.50	....
Senator. Purplish violet, white throat.	$\frac{1}{4}$ oz., 80c	.25	2.80
Snow Queen. White, compact.	$\frac{1}{4}$ oz., 50c	.25	1.60
Sutton's Blue Bedder. Midblue.	$\frac{1}{4}$ oz., 50c	.25	1.80
Twinkles. Masses of small, brilliant rose flowers with well defined pure white star.	$\frac{1}{4}$ oz., 50c	.25	1.80
Vaughan's Special Dwarf Mixture. Small flowering sorts.	$\frac{1}{4}$ oz., 70c	.25	2.40

Primula Obconica

These large-flowering brilliant colored primroses are one of the most popular pot plants for winter and spring sales. The small plants are very useful for combinations for Easter. January sown seed will produce large plants for the holidays. Seed sown in March and April will make fine plants for spring and Easter. Cultural instructions sent with seed.

	Trade	pkt.	Oz.	
Grandiflora Avalanche. White.	$\frac{1}{64}$ oz., \$2.00	\$1.00	....
Appleblossom. Pink.		1.00	....
"Better Days." Deep carmine red. Very large flowering. The compact, well branched growth is very symmetrical and the mass of flower-heads shows evenly above the dark green foliage, on strong stems.				1.00
"Dondo." In our opinion, the finest dark red Obconica. Astonishing freedom of bloom—10 to 12 exceptionally large velvety red flowers in full bloom on each stem. Especially valuable in winter, as "Dondo" holds its true deep red color.				1.00
Sky-Blue (Konigsee).	$\frac{1}{4}$ oz., \$2.00	1.00	....
Dark Blood-Red (Bayern Blut).		1.00	....
Fassbender Red. Flowers rich deep red of enormous size. Outstanding.		1.00	....
Lachsrosa (Friesdorf). A beautiful salmon-rose.	$\frac{1}{64}$ oz., \$2.00	1.00	....
Mueller's (Berlin) Rose.	$\frac{1}{64}$ oz., 1.80	1.00	....
Mohnstein's Dark Red.	$\frac{1}{64}$ oz., 2.00	1.00	....
Rose Queen (Alsmee Rose). Pure rose, giant trusses of large flowers.	$\frac{1}{64}$ oz., \$2.00	1.00	....
Ruby.		1.00	....
Mixed, many colors.	$\frac{1}{4}$ oz., \$1.00; $\frac{1}{32}$ oz., \$1.80	.50	....
Gigantea Rosea. Fine.	$\frac{1}{64}$ oz., 1.80	1.00	....
Salmon Queen.	$\frac{1}{64}$ oz., 1.80	1.00	....
Mixed.	$\frac{1}{32}$ oz., 1.80	.50	....
Double Portland Beauty. Light to dark rose-pink.	$\frac{1}{64}$ oz., \$3.00; 750 seeds, \$1.50	....	

Primula Sinensis Stellata

This star-shaped type primrose is indispensable for general decorative work. The plants are very free flowering and bloom for a long period.

Giant Salmon-Pink Star	
Giant Star Mixed	
Giant White Star	Each, trade pkt. (250 seeds), 50c.

Primula Chinese Giant

Chinese primroses with their beautiful fringed petals make attractive pot plants for Christmas sales. Sow seed in April and May to have well grown plants for 5-inch pots. Summer sowing will make fine plants for later winter and spring selling.

Trade pkt., any of the following, except noted, 250 seeds, each, 50c. Chiswick Red Improved. Red.

Covent Garden White.

Giant Pink. Extremely large petals of great substance.

Giant Salmon. Massive heads of flowers of great substance.

Queen Mary. Rose-pink.

True Blue.

Giant Mixed. Includes this year a number of new shades. $\frac{1}{32}$ oz., \$2.80.

Dazzler. A brilliant and unique shade of orange-red, exceptionally floriferous and long lasting. $\frac{1}{64}$ oz., \$2.00; 250 seeds, 50c.

Vaughan's International Mixture. This mixture is composed of the most salable colors of single-flowering Chinese Primulas, the best whites, pinks and reds, with a sprinkling of other colors. Trade pkt. of 250 seeds, 50c; $\frac{1}{64}$ oz., \$1.25; $\frac{1}{32}$ oz., \$2.00.

Primula Various Sorts

Recent improvements in this Baby Primrose class have made them indispensable for Florists' use. Seed sown in May or June will produce large plants for Christmas. September sown seed will produce nice plants for Easter and Mother's day. Trade pkt. Oz. Malacoidea Salmon Rose. $\frac{1}{32}$ oz., \$1.40 \$0.50

Dawkin's Carmine King $\frac{1}{64}$ oz., \$1.80; 1000 seeds, .50

Princess Mary. Deep rose-pink. $\frac{1}{64}$ oz., \$1.00 .50

Rosea Superba. Beautiful pink. $\frac{1}{16}$ oz., \$1.40 .50

Snow Queen. Single white. $\frac{1}{64}$ oz., \$1.80; 1000 seeds, .50

Double White. $\frac{1}{64}$ oz., \$1.80; 1000 seeds, .50

Erikssonii. Appleblossom. Pink and white. 1.00

Baby Rose. Deep rose. $\frac{1}{32}$ oz., \$2.40; 1000 seeds, 1.00

Baby Doll. Superseded by Baby Rose.

Brilliancy. Opens lavender, changing to crimson-red. $\frac{1}{64}$ oz., \$1.80; 1000 seeds, 1.00

Glory of Riverside. Light rose-pink—a new shade. 500 seeds, \$1.25; 1000 seeds, 2.00

Snow King. Pure white. $\frac{1}{64}$ oz., \$1.80; 1000 seeds, 1.00

New Baby. Lavender-pink. $\frac{1}{64}$ oz., \$1.80; 1000 seeds, 1.00

Salmon Beauty. True salmon. 3000 seeds for \$2.60; 1000 seeds, 1.00

Wonder Baby. Pink. $\frac{1}{64}$ oz., \$2.50; 1000 seeds, 1.00

Erikssonii Mixed. $\frac{1}{32}$ oz., \$1.80 .50

PRIMULA Kewensis. Yellow, decorative, winter-flowering greenhouse plant. 12 in. $\frac{1}{32}$ oz., \$1.25

Forbesi Ruby. Deep purple, golden eye. .50

Pyrethrum Parthenifolium Aureum (Golden Feather)

Rhodanthe. Mixed, splendid everlastings. .10 \$0.40

Manglesi Rose. .15 .40

Saintpaulia Ionantha Cordata. Dark cordate leaves, strong growth and large flowers of a deep lavender color. Blooms in 6 months from seed. 1.00

Ionantha Grandiflora (African Violet). Charming deep blue flowering pot plant which blossoms in uninterrupted succession. 1/128 oz., \$7.00 1.00

Kewensis. It blooms freely for a long period. It differs considerably from the Ionantha and Cordata on account of its small delicate green leaves. The shining blue flower, reminding one of a violet, contrasts well with the light green rosette of leaves 1.00

Salpiglossis

Excellent summer-flowering showy annuals that are easily grown and fine for cutting. Sow seed where you want them to bloom, as they resent transplanting. Seed sown in greenhouse in January will bloom in May.

Large-Flowering. Superbissima (Emperor).

Brown and Gold Light Blue and Gold Velvety Red

Chamois Purple Velvety Violet

Crimson Purple and Gold Violet and Gold

Faust Rose and Gold White and Gold

Golden Yellow Scarlet and Gold

Trade pkt. Oz.

Each of the above. \$0.15 \$0.80

Vaughan's Special Mixture. Made from above-named sorts. $\frac{1}{4}$ oz., 30c .20 1.00

Giant-Flowered Dwarf Mixed. These have a compact branching habit, with individual flowers half again as large as the Emperor type. Are ideally suited for bedding purposes as they, being floriferous, cover the entire head of the plant with blossoms. $\frac{1}{4}$ oz., 70c .25 2.40



PRIMULA Obconica Grandiflora, Better Days.

Salvia Splendens

With new varieties such as Fire Charm and Early Harbinger, these showy bedding plants can now be had in bloom from summer to frost. Sow seed in flats and give bottom heat, as this helps germination of seed considerably.

America (Globe of Fire). A favorite with many growers. Trade pkt. Oz.

Plants grow about 18 inches high, in uniform dense globe-shaped bushes. $\frac{1}{4}$ oz., 60c; lb., \$26.00 \$0.35 \$2.00

Early Harbinger (Fire Brand). Northern grown seed. Of uniform type, about 15 inches in height, free and early flowering. We recommend this very highly.

..... $\frac{1}{4}$ oz., \$1.20 .50 4.00

Clara Bedman (Bonfire). Erect habit—the old standby, 16 inches. $\frac{1}{4}$ oz., 50c; lb., \$18.00 .25 1.80

Fire Charm. Dwarf form of Fireball. Very early. Sow late in spring for early summer bloom. $\frac{1}{4}$ oz., \$1.75 .50 6.00

Fireball. Extra choice strain, free-flowering, 14 inches. $\frac{1}{4}$ oz., 60c; lb., \$24.00 .35 2.00

Salmon. $\frac{1}{4}$ oz., 60c .35

St. John's Fire. Blooms very early but remains in perfect condition until frost. Grows only 10 inches tall when in full bloom in August. The bright scarlet spikes stand densely and rigidly upright on the uniform and compact plants. 500 seeds, 65c; 1000 seeds, \$1.00; $\frac{1}{8}$ oz., \$1.40 8.00

Vaughan's Masterpiece. Extra early, dwarf. $\frac{1}{4}$ oz., \$1.20; 4 oz., \$13.00 .50 4.00

Alba. White, buds tipped pink. $\frac{1}{4}$ oz., 85c .35

Maroon Prince. Plum color. 24 inches. $\frac{1}{4}$ oz., 90c .35 3.20

Zurich. Very early and very dwarf. 12 in. $\frac{1}{4}$ oz., 60c .35 2.00

Salvia Farinacea Blue Bedder. Compact plant, deep blue flowers effective in mass planting. The long graceful stems are useful for cutting. $\frac{1}{4}$ oz., 50c .25 1.80

Farinacea Royal Blue. Grows erect and of more intense color than Blue Bedder. Fine bushy plants, nice long spikes for cutting, and true. $\frac{1}{4}$ oz., \$1.45 .50 4.80

Horminum Oxford Blue. The bracts are Oxford blue, very broad, and of a pureness of tone that can be found in no other annual.25 1.00

Blue Beard. Annual, dark blue, 1 ft. .15 .50

See also Perennial Pages.

Sanvitalia (Creeping Zinnia) Procumbens Fl. Pl. Double yellow, dwarf, fine for edging. $\frac{1}{4}$ oz., 40c .25 1.40

Saponaria. Vaccaria Rose. Sometimes called pink Gypsophila. Light graceful sprays of glistening flowers produced in greatest profusion. lb., \$1.40 15

Alba. White. lb., 1.40 15

Saxifraga Sarmentosa "Mother of Thousands." Old Man's Beard, graceful house plant. 100 seeds, 25c; 1000 seeds, \$2.00

Sweet Peas Early-Flowering Spencer Novelties



SWEET PEAS SKIPPY

By the use of the star-symbol (★) we have indicated the varieties which, according to our experience, have proved the most satisfactory in the various colors and classes. This list is compiled on the basis of hundreds of reports from our customers and our own information.

★Boon. Deep salmon-pink on light cream ground. $\frac{1}{2}$ oz., 20c; oz., 30c; 4 oz., \$1.00; lb., \$3.40.

Bridesmaid. A charming deep silvery pink with stems unusually long. $\frac{1}{2}$ oz., 20c; oz., 30c; 4 oz., \$1.00; lb., \$3.40.

Chime. A most pleasing shade of light salmon-pink on cream ground. Oz., 30c; 4 oz., \$1.00; lb., \$3.40.

Cinderella. Pure, clear pale or silver blue. Blossoms very large and highly frilled. $\frac{1}{2}$ oz., 20c; oz., 40c; $\frac{1}{4}$ lb., \$1.25; lb., \$4.00.

Danube. Large, ruffled blooms of a clear lavender-blue, on long straight stems. $\frac{1}{2}$ oz., 20c; oz., 30c; 4 oz., \$1.00; lb., \$3.40.

★Daphne. A soft salmon-pink on a cream ground. The flowers are of great size, with beautifully expanded and waved standards. $\frac{1}{2}$ oz., 20c; oz., 30c; 4 oz., \$1.00; lb., \$3.40.

Delicious. Crushed strawberry color. Oz., 50c; $\frac{1}{4}$ lb., \$1.60; lb., \$6.00.

Emblem. Beautiful salmon-pink tone on the cream ground. $\frac{1}{2}$ oz., 20c; oz., 30c; 4 oz., \$1.00; lb., \$3.40.

Iris. Deep "Iris Blue," with the widespread wings keeping to a bit lighter hue than the standard, which is very broad and quite wavy. Oz., 40c; $\frac{1}{4}$ lb., \$1.25; lb., \$4.80.

Navy Blue. A rich dark blue, four flowers borne on each long stiff stem; a vigorous grower. Oz., 40c; $\frac{1}{4}$ lb., \$1.25; lb., \$4.80.

Peeress. A robust growing variety; gives a heavy crop of blossoms. The color is pleasing clear rose cerise. Oz., \$1.00; 4 oz., \$3.50; lb., \$12.00.

Princess Blue. Rich light blue. Oz., 40c; 4 oz., \$1.25; lb., \$4.80.

Rose Picotee. Pure white with salmon-rose edging or picotee. It is definitely a new color in the early group. Oz., 50c; $\frac{1}{4}$ lb., \$1.40; lb., \$5.00.

★Sequoia. A rich golden salmon-cerise pea, frilled and wavy. The flowers are enormous, on long stout stems. $\frac{1}{2}$ oz., 20c; oz., 30c; 4 oz., \$1.00; lb., \$3.40.

Skippy. Light salmon-pink. Oz., \$1.40; $\frac{1}{4}$ lb., \$4.50; lb., \$16.00.

Sonnet. The flowers are very large, a soft pink shade, borne on long stout stems by very vigorous growing vines. Oz., 30c; 4 oz., \$1.00; lb., \$3.40.

Sunproof Orange. Of a bright scarlet-orange hue—with a hint of more orange in the standard. Oz., 40c; $\frac{1}{4}$ lb., \$1.25; lb., \$4.80.

★Tahoe. Both the wavy standards and ruffled wings have the same delightful shade of mid-blue. $\frac{1}{2}$ oz., 20c; oz., 30c; 4 oz., \$1.00; lb., \$3.40.

Treasure Island. A sparkling golden orange, very large flowered and semi-duplexed. Oz., 90c; $\frac{1}{4}$ lb., \$3.20; lb., \$12.00.

★Triumph. Lovely soft lilac-mauve. $\frac{1}{2}$ oz., 20c; oz., 30c; $\frac{1}{4}$ lb., \$1.00; lb., \$3.40.

★White Champion. Best early-flowering white seeded white. Exceptionally long stems, carrying usually four flowers each. Oz., 40c; $\frac{1}{4}$ lb., \$1.25; lb., \$4.40.

GENERAL LIST EARLY-FLOWERING SPENCER

Any of the following, except where noted otherwise, $\frac{1}{2}$ oz., 20c; 1 oz., 30c; $\frac{1}{4}$ lb., \$1.00; lb., \$3.40.

BLUE

Ball Blue. Clear mid-blue, good bloomer.

Blue Bird. Violet blue. Some prefer Mrs. Hoover.

Blue Bonnet. Extra large, fine deep blue.

Blue Boy. Clear blue.

Eleanor Blue. Silver blue.

Florist Blue. Pure blue.

Mariner. Clear blue flowers.

★Mrs. Herbert Hoover. Best early clear blue.

Top Hat. Deep purple-blue.

LAVENDER

Burpee's Lavender. Lovely light Wisteria lavender.

Fragrance (Intermediate). Large frilled lavender flowers, fragrant.

★Harmony. Most popular lavender.

Memory. Rosy lavender.

Michigan. A mammoth dark, pure lavender.

★Vogue. An improved Early Harmony, standard lilac-lavender, flushed rosy lavender with wings clear lilac-lavender.

SALMON

★Apollo. A soft salmon-pink. Fine spring bloomer.

Attraction. Bright salmon-pink.

★Mrs. Calvin Coolidge. Rich salmon-pink.

Zvolanek's Salmon. Salmon-cerise, large flowers, strong stems.

ROSE AND PINK

Annie Laurie. Richest tone of pure rose-pink.

American Beauty. A rich crimson rose.

★Ball Rose Improved. Extra rich deep rose.

Colossal Rose. Largest rose-pink, long stem.

Columbia (Intermediate). Salmon-rose standard, white wings

★Eileen. Rich Begonia-rose with salmon shading.

Exposition Pink. Large waved rich pink, long stems.

Florist Rose. A pure rose-pink.

Giant Rose. Rose-pink.

★Jeanne Mamitsch. Striking pink, shading off to deepest pink.

Josie. Brilliant rose-pink, vigorous, large flowers; long stems.

★Laddie Improved. An enormous rose-pink.

Majestic Rose. Immense deep rose-pink flowers on long stems.

★Mrs. Holscher. Rose-pink.

Pride. Pure cerise, large flowers on long stems.

★Ramona. Coral rose with yellow and pink shadings.

Shirley Temple. A soft rose-pink. It has long stems.

Sunray. Brilliant glowing yet soft cerise on cream ground.

Titania. Mammoth flowered deep rose self, with white ground at the base. Oz., 60c; $\frac{1}{4}$ lb., \$2.00; lb., \$7.00.

Sweet Peas—Early-Flowering Spencer—Continued.

Any of the following, except where noted otherwise,
 1/2 oz., 20c; 1 oz., 30c; 1/4 lb., \$1.00; lb., \$3.40.

SCARLET

★Grenadier. A glowing poppy-scarlet.
 ★Red Bird. Bright crimson red.
 Redwood. A deep, bright rich crimson.
 Vulcan. Vivid scarlet.

WHITE

Burpee's White. Glistening white, sweet scented.
 ★Hope. A mammoth-flowered black-seeded pure white.
 Snowstorm Improved. White, of great substance.
 ★White Harmony. A standard black-seeded white.
 Zvolanek's White Rose. Mammoth flower, beautifully shaped.

Summer-Flowering Spencer Varieties

Any of the following, except where noted otherwise: Oz., 20c; 1/4 lb., 50c; lb., \$1.80.

Ambition. Rich, deep lavender.
 Artiste. Deep salmon shaded white on white ground.
 Ascot. Bright pink.
 Avalanche. Glistening white.
 Beatall. Superseded by Cheerio.
 Bonnie Briar. Large rose-pink.
 Bonny Ruffles. Salmon-pink on cream, duplexed.
 Bridal Veil. Pure white, black seeded.
 Burpee Blue. Bright, deep blue.
 Capri. Light blue.
 Charity. Best red.
 Cheerio. Mammoth deep Begonia-rose suffused with gold.
 Constance Hinton. Black-seeded white.
 Crimson King. Rich deep clear crimson.
 Daddy Long Legs. New long stemmed glowing scarlet-cerise.
 Trade pkt., 50c.
 Fairyland. A light rich rose-pink suffused on a heavy creamy ground. Oz., 50c; 1/4 lb., \$1.75; lb., \$6.00.
 Fiancee. Salmon-pink, deeper edge.
 Flag Ship. Deep navy blue flowers of large size, artistically placed on long stems.
 Flamingo. Cerise scarlet.
 Fluffy Ruffles. Rich rose shaded salmon and cream, duplexed.
 Fortune. Rich dark blue.
 Gigantic. Largest and best black-seeded white.
 Gleneagles. Large lavender.
 Grand Slam. Bright scarlet-cerise shaded orange.
 Guinea Gold. Golden orange.
 Hawlmak Pink. Deep rose-pink.
 Lavender.
 Headlight. Orange-scarlet, sunproof.
 Heavenly Blue.
 Highlander. Pure lavender.
 King White. Gigantic flowers of pure white.
 Lady Ruffles. Soft pink.
 Leviathan. Rich maroon, a lovely clear dark variety.
 Loveliness. Rich pink on cream.

CREAM

Oriental. Deep cream, black seeded large flowers.

ORANGE

Ball Orange Improved. 1/2 oz., 20c; oz., 35c; 1/4 lb., \$1.20; lb., \$4.00.

Forty-niner. Bright deep orange.

★Valencia. Color bright orange, sunproof.

Zvolanek's Orange Beauty. Free blooming, fiery orange, does not burn.

Zvolanek's Supreme Orange. Clear orange, large flowers, strong stems.

MISCELLANEOUS

Amethyst. An early-flowering "Royal Purple."

Elk's Purple. Long stemmed reddish purple.

Early-Flowering Spencer. Vaughan's Special Mixture from named sorts.

Spencer Varieties

Mary Pickford. Dainty cream-pink suffused salmon.
 Mavis. Salmon-orange.

Miss California. Orange-salmon and cream-pink.

Mrs. A. Seares. Rich pink, merging into oriental red.

Mrs. Tom Jones. Bright blue.

Multiflora Abundance. A bright mauve approaching orchid. Oz., 40c; 1/4 lb., \$1.25; lb., \$4.00.

Horn of Plenty. Blush-pink blending into white at the center. Trade pkt., 50c.

Olympia. Deep rich purple.

Peggy Ann. An attractive shade of clear, glowing salmon-pink.

Pinkie. Rose-pink.

Powers Court. Lavender.

Queen of Belgians. Scarlet-cerise.

Rarity. White ground, the front on standard and wings being faintly flaked with bright orange-cerise. Oz., 40c; 1/4 lb., \$1.25; lb., \$4.00.

Red Supreme. Bright luminous red. New. Oz., \$1.20; lb., \$16.00.

Rosabelle. Rose.

Royal Salute. Deep cerise.

Ruffled Mixed.

Ruffled Crimson.

Salmon Gigantic. New. A delicate, yet rich and bright salmon-pink. Oz., \$1.20; lb., \$16.00.

Sextet Queen. White.

Smiles. Salmon-shrimp pink.

Station Master. Hydrangea-pink, flushed cerise.

Stylist. Rose-pink.

Springtime. Light rose-pink.

Tangerine Improved. Glowing orange.

Vista. Is a clear light purple on a white ground without any blue in the tone. Oz., 40c; lb., \$4.00.

Warrior. A fine maroon.

Youth. White, pink picotee.

Vaughan's Florist's Mixture of Summer Spencer Varieties. Oz., 15c; lb., \$1.40; 5 lbs., \$6.00.

Scabiosa (Pincushion Flower)

Trade pkt. Oz.

Ageratum Blue.	Fine mid-blue	\$.15	\$.50
Azure Fairy.	A splendid cut flower	.15	.50
Black Prince.		.15	.50
Blue Moon.	New type entirely double, without center, deep lavender-blue	.25	2.00
Cattleya.	Rich rosy lilac, orchid tone	.15	.50
Cherry-Red.		.15	.50
Coral Pink.		.15	.50
Fire King.		.15	.50
La Fee.	A very double, highly perfected Azure Fairy. Was given a special award by the New Jersey Experiment Station	.25	1.40
Loveliness.	Soft delicate salmon-rose color. It has long, stiff stems and a delightful fragrance.	.15	.50
Orchid Shades.		.15	.50
Peachblossom.		.15	.50
Pompadour.	Center of each floret is intense blackish purple blending into a lighter rose-purple and a broad area of white on the tip of each petal.	.25	2.00
Rosette.	Beautiful shade of deep rose heavily suffused with salmon. The flowers are extra large and the stems are long and stiff	.25	1.60

SCABIOSA—Continued.

Trade pkt. Oz.

Salmon Beauty. A pure salmon in color with huge flowers and with great vigor of growth... 1/4 oz., 70c \$0.35 \$2.40

Shasta. Pure white of enormous size..... .15 .50

Vaughan's Special Mixture..... 1/4 lb., \$2.20 .15 .60

Cockade. The new conical form accompanied by an unusual and attractive depth of flower with large individual florets makes flowers of the largest size. We offer in four different colors and mixed as follows:

Blue Cockade. Deep blue, deeper than Azure Fairy..... lb., \$6.00 .15 .50

Royal Cockade. An attractive shade of salvia blue found in the Patens variety..... 1/4 oz., 65c .25 2.00

Rose Cockade. An alluring shade of bright rosy lilac..... 1/4 oz., 65c .25 2.00

White Cockade. Dazzling snow-white, of beautiful form..... 1/4 oz., 65c .25 2.00

Monarch Cockade Mixed. An unusually attractive mixture has been blended from the White, Blue, Rose and Royal Cockade varieties and from the residue of crosses and selections from which these varieties have been selected.

Dwarf Coral Rose. Deep rose-pink tinged salmon. 8 in. .15 .80

Mixed..... .15 .50

Schizanthus

VAUGHAN'S DWARF MASTERPIECE

This is to our knowledge the best strain of Schizanthus in existence. The plants grow dwarf and compact, making them most suitable for pot culture. The color range of the flowers, which are of good size, is the most varied, well balanced from light pink and rose, to a very pleasing dark violet, all with conspicuous blotches. $\frac{1}{16}$ oz., \$1.00; trade pkt., 50c.

	Trade pkt. Oz.	...
Vaughan's Excelsior Hybrids. A choice strain with		
very large flowers in an excellent blend of colors. A		
splendid cut flower item.	$\frac{1}{16}$ oz., \$1.00	\$0.50
Monarch Strain. The flowers have immense petals and	.50	...
the majority are beautified by a gold veining so exception-		
nally heavy that it makes Monarch Reselected dis-		
tinct from all other mixtures.	$\frac{1}{8}$ oz., \$1.00	.50
Pansy-flowered. The large pansy-flowered blooms are		
remarkably substantial, while the rich self-colors in		
all shades of pink, crimson, mauve and purple, as		
well as white, are extremely bright and attractive.		
	$\frac{1}{8}$ oz., \$1.00	.35
Wisetonensis. Rose and amber shades.	$\frac{1}{4}$ oz., \$1.00	.35
Dwarf mixed.		.25
Dr. Badger's Hybrids. Splendid large flowers with bril-		
liant coloring.	$\frac{1}{4}$ oz., \$1.00	.35
Vaughan's Semi-Dwarf, in mixture. A very fine strain,		
suitable for pot culture and cutting.	$\frac{1}{8}$ oz., \$1.00	.50
Bridal Veil. Pure white, excellent.	$\frac{1}{8}$ oz., 75c	.25
Retusus. Mixed.		.25

Sedum Bellum "Dondo"

A NEW WINTER-BLOOMING POT PLANT

This new sedum forms dense little clumps literally covered with small white flowers. The plants grow 10-12 inches in height and when older the fleshy branches hang over the edge of the pots, forming a most charming and attractive subject. Trade pkt., 60c.

	Trade pkt. Oz.	...
Sedum Coeruleum (Stone Crop). Blue. 3 in.	\$0.35	...
Sensitive Plant (Mimosa Pudica).	.10	\$0.30
Senecio Elegans fl. pl. Mixed.	$\frac{1}{4}$ oz., 50c	.25
Shamrock.	Lb., \$5.00	.15
Smilax.	Lb., 5.00	.15
Snapdragon. See Antirrhinum.		.50

Statice

Attractive annuals of easy culture that can be used as fresh or everlasting flowers.

	Trade pkt. Oz.	...
Sinuata. True Blue. Fine cut flower.	lb., \$2.40	\$0.15
Kampf Improved variety. Tall, new, brilliant deep		
blue, long stemmed.	lb., \$2.50	.15
Lavender Queen.	lb., \$2.50	.25
Market Growers. Deep blue.	lb., 2.50	.15
Pale Violet with yellow center.		.25
White, Pure.	lb., 1.80	.10
Rosea Superba.	lb., 2.40	.10
Pastel shades mixed.		.25
New colors mixed.		.30
Bondiella Superba. Golden yellow.	lb., 4.00	.10
Puberula. Flowers 5 months after sowing, grows only		
4-6 in. high and forms large magnificent dark violet		
blooms. It can be used for pots and in the open,		
also in rock gardens.	$\frac{1}{4}$ oz., 60c	.25
Suworowii. Russian or Rat tail. Flowers bright rose		
color. Can be grown in cool house. 30 inch.		2.20
	4 oz., \$2.00	.15
		.60

STRAWBERRY BARON SOLEMACHER RED

A Good Mother's Day Item

The creation of a European specialist and the result of 35 years of cultivation. It is of the small fruited Alpine type and produces compact plants without runners. Plant seed in pots from January to April, keeping evenly moist and shaded. These seedlings will produce abundant fruit the first summer and continue bearing right into autumn.

Trade pkt., 50c; $\frac{1}{16}$ oz., \$1.30.

Baron Solemacher, Yellow. Trade pkt., 50c; $\frac{1}{16}$ oz., \$1.50

Solanum

ORNAMENTAL PEPPER, "CHRISTMAS CHERRY"

Bird's Eye Improved. The fruits are larger and as Trade pkt. Oz.			
freely produced as the ordinary. They come on white, then turn blue and finally red. A marked improvement.		\$0.50	...
Bird's Eye Pepper. Regular.	$\frac{1}{4}$ oz., 50c	.25	\$1.60
Celestial Pepper. Conical fruits, at first green then creamy yellow, violet, coralline, and after that golden yellow.	$\frac{1}{4}$ oz., 25c	.15	.80
Christmas Cherry Improved.	$\frac{1}{4}$ oz., 50c	.25	1.80
Cleveland Red (Cherry).		.20	.90
Cleveland Orange (Cherry).	$\frac{1}{4}$ oz., 60c	.25	...
Hlavacek's "Masterpiece." More compact than the old type and produces cherries much more freely. Outstanding.	$\frac{1}{4}$ oz., 50c	.25	1.60
Red Cluster (Bunch Pepper). A compact, much branching plant bearing at the end of its branches bunches of erect, pointed, curved pods of a coral red color.			
	$\frac{1}{4}$ oz., \$1.00		
Miniature Bell. Interesting ornamental bell-like fruits which hang on graceful branches. The red, green and white fruits are attractive against the dainty foliage. Very heavy feeder; use a good rich loamy soil. Pinch the plants to make them bushy, for large plants put 3 or 4 in a 5 or 6-in. pot. Put stake in center and tie plant to shape.			
	$\frac{1}{4}$ oz., \$1.00		
New Patterson Variety. Large orange-red flowers, cherry-like fruit, compact-habit.	$\frac{1}{4}$ oz., 70c	.35	...
		.25	
Ornamental Pepper, Variegated Leaved. An interesting novelty for Christmas pot plant. The leaves are conspicuously variegated with dark green, white and sometimes purple. The berries or fruits which are borne in clusters are dark green in the beginning but change to bright red in late autumn. Under proper protections both the beautifully variegated leaves and red berries keep well into late spring.	$\frac{1}{4}$ oz., 70c	.25	2.40
Mixed varieties.	$\frac{1}{4}$ oz., 60c	.25	...
Stevia Serrata. White, fine cut flower.	$\frac{1}{4}$ oz., 40c	.25	1.40
Lindleyana. White. Is very useful for florist work. It needs to be sown in March indoors; prick out in frame and transplant into the open after spring frosts are over.	$\frac{1}{8}$ oz., 75c	.40	...

Streptocarpus New English Hybrids (Cape Primrose)

A superb strain with a wide range of colors. Lovely in shades of pink, mauve, lavender, white, deep rose, carmine and blue. The flowers attain a diameter of 2 inches and over, similar in shape to Gloxinias. They are borne on wiry stems and last long when cut. A fine pot plant for winter blooming when sown in January or February. For soil, use the same as that in which Gloxinias thrive. They should be grown rather cooler than Gloxinias.

Largest Hybrids Mixed. $\frac{1}{4}$ oz., \$1.80; tr. pkt., \$1.00.

Sunflower Double Dwarf Chrysanthemum Flowered yellow. Trade pkt., 15c; oz., 40c.

Sweet Rocket. See Hesperis matronalis.

Sweet Sultan. See Centaurea moschata and Imperialis.

Sweet William. See Dianthus Barbatus.

Tahoka Daisy

An unusually beautiful lavender-blue Daisy with fern-like foliage. Carried on good long stems, the flowers are many-rayed, with long slender petals of pure lavender-blue, tinted with rose as they fade, center deep yellow. Under open ground culture the plants are in bloom by middle of June and flower until October. Excellent for cutting. Treat as an Annual. To get an even and quick germination, the seed should be stored in refrigerator for a couple of weeks. $\frac{1}{4}$ oz., 60c \$0.30 \$2.00

Stocks

Varieties preceded by star (★) are the most popular colors.

Our Stock seed is secured from the most reliable growers, who devote much time and attention to roguing and selecting, and better seed cannot be had. We have furnished seed for many years to the most critical growers of this plant.

A leaflet on "Methods of Selecting Double Flowered Stocks in the Seedling Stage," by S. L. Emsweller, will be included in all orders for Column Stock seed.

"NON-BRANCHING" COLUMN STOCKS

These produce one enormous spike with large flowers, 2 to 2½ ft. high, and can be planted close together in the bench, which makes them a profitable type. Are in season with Bismarck variety.

American Beauty. Deep rose. **Malmaison Pink.** Beautiful shell pink.

★**Ball Blue.** Dark lilac blue. **Moonlight.** Light yellow.

★**Chamois Pink.** Ruby. Rich crimson red.

Lilac Lavender. Several shades darker than Silvery Lilac. ★**Silvery Lilac.** Lilac lavender.

★**Ball Pink (No. 11).** Light rose-pink, exact shade of Bismarck Rose. Long-stemmed flowers, well placed on stem. A very pleasing color in the Non-Branching type.

★**Ball Rose Pink (No. 14).** A deep selection from Ball No. 11; a rose-pink, not a deep heavy rose. Long-stemmed, therefore about ten days later than Ball No. 11. Good market color.

Each of the above: ½ trade pkt., 60c; trade pkt., \$1.00; ½ oz., \$1.25; ¼ oz., \$2.25; oz., \$8.00.

Non-Branching Column. Mixed. All colors. ½ trade pkt., 60c; trade pkt., \$1.00; ½ oz., \$1.25; ¼ oz., \$2.25; oz., \$8.00.

★**Vaughan's White No. 1.** By personal inspection this strain is, in our judgment, the finest pure white Non-Branching Column Stock in existence. ½ trade pkt., 60c; trade pkt., \$1.00; ½ oz., \$1.50; ¼ oz., \$2.50; oz., \$9.00.

Gardenia. New. Flowers of the purest white. Trade pkt., \$1.25; ½ oz., \$2.50; ¼ oz., \$4.50; ½ oz., \$8.00; oz., \$15.00.

GIANTS OF CALIFORNIA

This magnificent group comes very early, having the branching habit of the Bismarck, with mammoth flowers on longer stems. When planted close they make one long spike of mammoth florets closely packed around the stem.

Blood-Red "The Red Woods" Pink "Monterey" **Blue "Pacific"** Rose Carmine "Sequoia" **Chamois "Santa Barbara"** Rose "Yosemite" **Lavender "Tahoe"** White "Santa Maria" **Velvety Violet (Mojave)** Yellow "Golden Gate" Each of above, trade pkt., 35c; ½ oz., 65c; ¼ oz., \$1.15; oz., \$4.00. Mixed, the above. Trade pkt., 25c; ½ oz., 60c; oz., \$3.40.

Each of above, trade pkt., 35c; ½ oz., 65c; ¼ oz., \$1.15; oz., \$4.00. Mixed, the above. Trade pkt., 25c; ½ oz., 60c; oz., \$3.40.

Velvety Violet (Mojave). Trade pkt., 50c; ½ oz., \$1.00.

IMPROVED GIANT BISMARCK (Early Giant Imperial)

One of the best Stocks, for both inside and outside planting. The plants grow in pyramidal form, about 2½ ft., are strong and robust and are covered with large double flowers. Plant close and take out center shoot as soon as safe to get more and longer side branches which that way produce more flowers.

Antique Copper Appleblossom. (Used by many for white.) **Buttercup.** Deep golden yellow.

★**Chamois Dark Blue** Elk's Pride. Royal purple.

Flesh. Delicate pink **Fiery Blood-Red**

Golden Rose ★**Lavender** ★**Lilac** Old Rose ★**Rose**

★**Shasta.** Vigorous, glistening white. Each of the above. ½ oz., 60c; ¼ oz., \$1.00 \$0.35 \$3.00

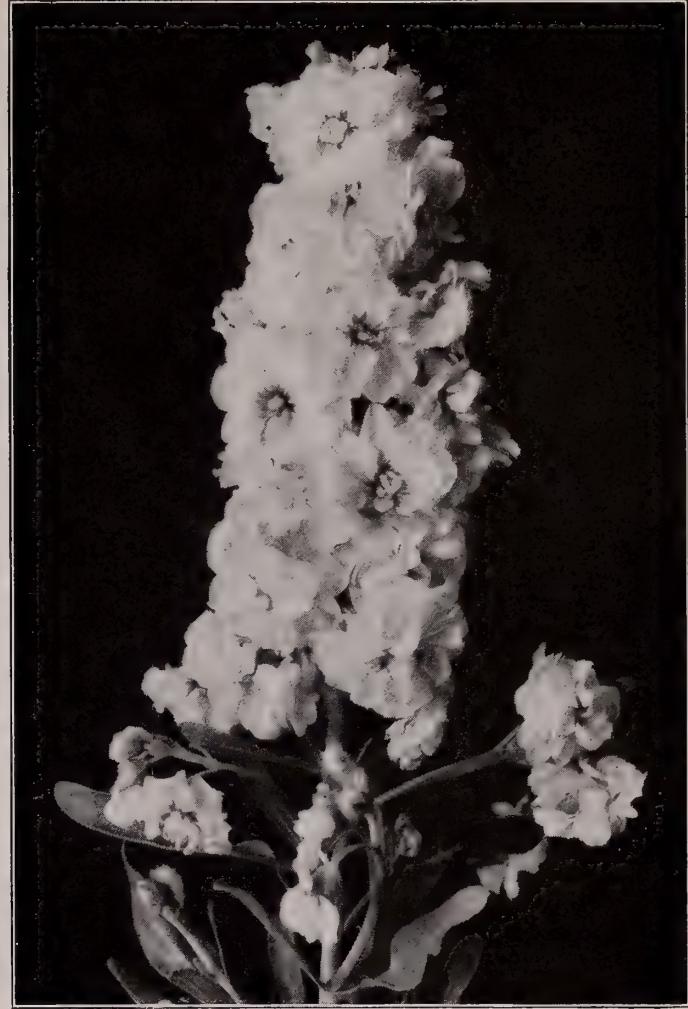
Giant Bismarck, Mixed. All colors. ½ oz., 60c .25 2.20

★**White Wonder.** It is a tall growing variety of the Bismarck type in habit. The heads are very large and the individual flowers are closely set and of extraordinary size. ½ oz., 90c .35 3.20

Early Colonial. Blooms earlier than other branching types, grows 30 to 36 in. tall. The individual florets are 2 inches across and they form clusters or spikes 15 inches long. The percentage of double runs about 70%. **Mayflower.** Red rose. } Each, tr. pkt., 50c **Puritan.** Pure white. }

EMPEROR OR WINTER

Empress Elizabeth. Brilliant carmine rose. ½ oz., 90c .35 3.20



STOCKS Type of Improved Giant Bismarck

DWARF LARGE-FLOWERING TEN WEEKS

Compact pyramidal growth, excellent for pots and bedding. Not desirable for cutting.

Blood-Red	Dark Blue	Lavender
Bright Pink	Deep Rose (Carmine pink)	Light Blue
Canary-Yellow		White

Trade pkt. Oz.
Each of above ¼ oz., 50c \$0.25 \$1.60

Dwarf Large-Flowering. 10 Weeks. Extra choice
Mixed ¼ oz., 50c .25 1.60

Texas Queen Anne's Lace. An improved Wild Carrot.

Will dye easily ¼ oz., 25c .15 .80

Thunbergia. Mixed. Fine climber for window boxes and hanging baskets 15 .60

Gibsoni. A lovely graceful climber for trellis work in greenhouses, or may be flowered outdoors in summer in mild climates. It has glistening green ivy-shaped foliage and flowers of most brilliant glowing orange. 100 seeds, \$2.00; 1000 seeds, \$18.00

Tithonia Avalon Earliest. The plants grow to seven feet or more. The big, long-stemmed blossoms range from orange topaz through tangerine to those with burnished oversheet of scarlet fire ¼ oz., 85c .35 3.00

Speciosa Early Flowering. ¼ oz., 60c .25

Fireball. Brilliant shade of scarlet orange ¼ oz., 65c .25 2.40

Torenia Fournieri. Makes a fine pot plant for Mother's day sales. Also good in combination baskets. Flowers blue with dark blotches on lip. 12 in. ¼ oz., 60c .25 2.20

Fournieri Compacta. Dwarf. 8 in. ¼ oz., 50c .25

White Wings. Ivory tinted rose 25

Bailloni. Yellow with brown. 12 in. 35

Geffon (Nana Compacta). Deep blue. ¼ oz., 70c .35

Trachelium Coeruleum. Free-growing annual having large cloud-like heads of tiny blue flowers resembling Gypsophila. 18 in. ¼ oz., \$1.00 .35

Verbena

Gigantea Beauty of Oxford Hybrids. A beautiful giant hybrid raised from a cross between Verbena Luminosa and Beauty of Oxford. The color shades from clear rose-pink to rose-red, making this the brightest rose Verbena ever produced from seed.	1/4 oz., 70c	Trade pkt. Oz.	0.35	\$2.20
Alba. Very large, pure white.	1/4 oz., 50c	.25	1.60	
Appleblossom. Very large florets, almost white shading to cameo-pink on the edge.	1/4 oz., 70c	.35	2.40	
Brilliant. Rich deep flame rose with medium sized white eye.	1/4 oz., 70c	.35	2.40	
Cerise Queen.	1/4 oz., 70c	.35	2.40	
Crimson Glow. A pure glowing crimson without an eye, first of this color in the hybrida class, rounding out the color range. The flower-heads are produced freely on compact plants, with small leaves.	1/4 oz., 70c	.35	2.40	
Etna. Geranium-red with a small creamy yellow eye.	1/4 oz., 50c	.25	1.80	
Floradale Beauty. Hybrida grandiflora. Beauty of Oxford type of large-flowered rose shades with salmon-rose predominating.	1/4 oz., 65c	.35	2.25	
Lavender Glory. True lavender. Large flower umbels. Fragrant. About 80% true.	1/4 oz., 65c	.35	2.00	
Luminosa. Flame-pink toning to softer shades of salmon, flesh and coral.	1/4 oz., 50c	.25	1.60	
Lucifer. Red.	1/4 oz., 50c	.25	1.60	
Rosea Stellata. Pink, white eye.	1/4 oz., 50c	.25	1.60	
Rose Cardinal. Bright red.	1/4 oz., 50c	.25	1.60	
Royale. Royal blue with creamy eye.	1/4 oz., 70c	.35	2.40	
Spectrum Red. Intense pure bright red.	1/4 oz., 50c	.25	1.80	
Sutton's Giant Pink.	1/4 oz., 50c	.25	1.80	
Violacea Stellata. Violet, white eye.	1/4 oz., 50c	.25	1.80	
Gigantea. Mixed.	1/4 oz., 40c	.25	1.40	
Royal Bouquet Mixed. This variety has an upright growth on straight stems, making it a good cut flower sort and a symmetrical bedding plant. The flowers are very large in many charming colors; 15-18 in.	1/4 oz., 65c	.25	2.20	
Cyclop (Romeo and Juliet). Shape of the heads of this new strain is large, all round, even globular; the single flowers as large as the largest of the old strain. Each flower has a large white eye, animating the whole impression. These Verbenas bloom abundantly throughout the whole summer, if grown in a sunny place.				
Geranium-red with great white eye, vivid bright color.	.50			
Dark Blue with great white eye.	.50			
Cyclops Mixed.	.50			
Dark Blue.	1/4 oz., 40c	.25	1.40	
Defiance. Brilliant scarlet.	1/4 oz., 40c	.25	1.40	
Mayflower. Pink.	1/4 oz., 40c	.25	1.40	
Lutea Improved. Yellow.	1/4 oz., 40c	.25	1.40	
Miss Ellen Willmott. Bright salmon-rose with white eye. The seed produces flowers mostly of the true type with a small percentage of varying shades.	1/4 oz., 60c	.35	2.00	
Purple Mantle.	1/4 oz., 40c	.25	1.40	
Vaughan's Best Mixed. This is unquestionably the best strain of Verbena seed in existence. It is composed of the best strains, all grown separately, and mixed in the right proportion. 1/4 oz., 75c; oz., \$2.40; 2 oz., \$4.00; trade pkt., 35c.				

Dwarf Verbenas

These are very much in favor since they make splendid pot plants, growing from 6 to 9 inches high and very compact.

Carmine Ball. A beautiful erecta compacta Verbena similar in form to Fireball. It forms a perfectly symmetrical plant about ten inches high and twelve inches across and is completely covered with bright carmine flowers.	1/4 oz., 70c	Trade pkt. Oz.	0.25	\$2.40
Blue with White Eye.	1/4 oz., 70c	.25	2.40	
Blue Sentinel. Rich navy blue self color.	1/4 oz., 80c	.35	2.80	
Chamois.	1/4 oz., 60c	.25	2.20	
Dark Blue.	1/4 oz., 65c	.25	2.20	

DWARF VERBENAS—Continued.

		Trade pkt. Oz.
Fireball. Scarlet. Excellent for borders and pot plants, 6 in.	1/4 oz., 65c	\$0.25 \$2.20
Pink.	1/4 oz., 70c	.25 2.40
Ruby.	1/4 oz., 70c	.25 2.60
Splendor. Flowers of intense scarlet with a contrasting large white eye. Very showy and attractive and comes true to type and rich sparkling color.	1/4 oz., 50c	.25 1.80
Venus. Light creamy salmon, new.	1/4 oz., 70c	.35 2.40
White.	1/4 oz., 65c	.25 2.40
Violet Bouquet. Flower opens deep violet tinged garnet changing to deep violet, cream color eye.	1/4 oz., 80c	.35 2.80

Vaughan's Special Mixture Dwarf Verbenas. This is made from separate colors and a most complete mixture. Trade pkt., 35c; 1/4 oz., 80c; oz., \$2.80.

Verbenas Various Sorts

Trade pkt. Oz.

Bipinnatifida (Fern-leaved Verbena). Entirely new form. The plants reach 18 in. in height by 2 ft. wide with great piles of ferny, feather-like grey-green foliage covered with clusters of lavender-blue flowers. In bloom continuously in our Trial Grounds and much admired by visitors during the season. The flowers resemble sprays of lilac candytuft.	1/6 oz., \$1.00	\$0.35	...
Venosa. Heliotrope blue, fine for bedding when combined with alyssum; used extensively in the Chicago parks, 1 ft.	1/4 oz., 40c	.25	\$1.40
Lilacina. Delicate lavender-blue.	1/4 oz., 50c	.25	1.80
Erinoides (Moss Verbena). Purple. 1 ft.	1/4 oz., 40c	.25	1.20
White.	1/4 oz., 40c	.25	1.20
Lemon (Citriodora).	1/4 oz., \$1.20	.35	...
Ursinia Anethoides. Rich orange-yellow and purple zone.	1/4 oz., 50c	.25	1.80
New Hybrids Mixed.	1/4 oz., 50c	.25	1.80
Pulchra Dwarf. Rich orange.	1/4 oz., 50c	.25	1.80

Vinca

These are slow growers and must be started early. They are splendid as bedding plants or for combinations. They bloom all summer until frost and do well in either sun or partial shade. These should be in every florist's order for bedding plant seeds.

Trade pkt. Oz.

Rosea. Pink, 1 ft.	1/4 oz., 25c	\$0.15	\$0.80
Fl. Alba Oculata. White with pink eye.	1/4 oz., 25c	.15	.80
Alba Pura. Pure white.	1/4 oz., 25c	.15	.80
Delicata. Soft pink.	1/4 oz., 25c	.15	.80
Kermesina. Bright red, dark green leaves with red stems. New.	1/4 oz., 25c	.15	.80
Mixed (includes the new red).	1/4 oz., 25c	.15	.60

Virginia Stocks. Mixed. A splendid edging plant. lb., \$2.00. .20

Nana Compacta. Dwarf bushes covered with bright flowers during the entire season. 8 in.	.15	.60
Innocence, Pure white.	.15	.60
Love, Bright rose.	.15	.60
Crimson Gem, Crimson.	.15	.60
Mixed.	.15	.50

Viscaria Oculata. Mixed. Blue Pearl. Pure deep lavender-blue without eye, erect growing.

.25 1.80

Rose Beauty. Flowers of very bright deep rose on long stems. The habit of the plant is upright, ideal for cutting. The flower petals are fringed and laciniated. 18 inches.

.15 1.40

Nana compacta oculata. Mixed.

.20 1.60

Coerulea Blue Bouquet.

.25 1.80

Xeranthemum (Everlasting). Double mixed.

.15 .40

Superbissimum (Pompon) mixed, improvement on above.

.15 .50

Zaluzianskya Villosa (Lace Verbena). Individual flowers grow about 1/2 inch across and are so shaped as to resemble a snow crystal; most interesting and unusual. They are of a pleasing lavender color distinctly set off by a star-like spot of orange at the center. Low spreading plants 8 inches high. Long blooming season.

.35 .

Ze'a Quadricolor Perfecta. Dwarf leaves striped with red, rose and yellow bands.

.15 .15

Vaughan's Zinnias

All-Giant Indian Summer. Crimson, flame-scarlet, Trade pkt. Oz. cherry, golden yellow, white, and burnished copper. No magenta, lavender, or pale pink. A harmonious blend of dazzling brilliance without a trace of harshness..... $\frac{1}{4}$ oz., 50c \$0.25 \$1.60

DAHLIA-FLOWERED 2½ to 3 ft.

The plants grow tall, are well branched and the colors are very distinct and striking; the flowers are double and large size.

Attraction, brick-red	Luminosa, bright deep pink suffused with salmon
Buttercup-yellow	Old Gold, burnished shades of deep and old gold
Canary Bird, primrose	Old Rose
Crimson Monarch, best red	Oriole, orange and gold
Dream, deep lavender	Meteor, darkest red
Eldorado, rose on deep salmon	Polar Bear, white
Exquisite, light rose, center rose	Purple Prince
Golden Dawn, golden yellow	Scarlet Flame, bright scarlet
Golden State, rich orange	
Illumination, deep rose	
Lemon Beauty	
Pastel shades	
Each of above.....	Trade pkt. Oz. $\frac{1}{2}$ oz., 60c; lb., \$12.00 \$0.25 \$1.00
Dahlia-Flowered, Gold Medal Hybrids. A superior mixture containing many new varieties	lb., \$12.00 .25 1.00

Crown O' Gold. The color range comprises the more popular florist shades, including old rose, cream, yellow, carmine and burnished red—all with golden base..... lb., \$12.00; $\frac{1}{2}$ oz., 60c .25 1.00

Desert Gold. Of dual tone beauty comprising the light and deeper shades of gold, each petal overlaid at the base with a deeper golden yellow. $\frac{1}{2}$ oz., 60c .25 1.00

CALIFORNIA GIANTS 3 to 4 ft.

They are larger than Colossal and a cross between that and the Dahlia-flowered types. They have smaller, flat centers, with more loosely placed petals. The petals are attractively imbricated.

Brightness. Bright, deep rose	Miss Willmott. Soft pink
Cerise Queen	Orange King. Orange scarlet
Daffodil. Canary-yellow	Pink Profusion. Shrimp pink
Enchantress. Pink	Purity. A clean pure white
Grenadier. A very dark red	Rose Queen. Deep rose
Isabellina. Creamy buttercup	Salmon Queen
Lavender Gem.	Scarlet Queen
Lemon Queen. Canary and cerise, fragrant	Violet Queen. Dark violet
Each of the above.....	Trade pkt. Oz. lb., \$11.00; $\frac{1}{2}$ oz., 60c \$0.25 \$1.00

California Giants, Vaughan's Special Mixed. All colors..... lb., \$10.00; $\frac{1}{2}$ oz., 60c .25 1.00

Early Wonder. A new race of dwarf, early-flowering Trade pkt. Oz. Zinnias, producing masses of Pumila type flowers on long nearly leafless stems, 12 to 15 in.

Fiery Salmon

Rose-Pink

Each of above..... $\frac{1}{4}$ oz., 50c \$0.25 \$1.60

Gypsy, deep orange

FANTASY 2½ to 3 ft.

The rounded flowers are composed of a mass of shaggy ray-like petals.

Orange Lady. Bright orange.....	$\frac{1}{4}$ oz., 50c \$0.25 \$1.80
Rosalie. Bright intense scarlet.....	$\frac{1}{4}$ oz., 50c .25 1.80
Star Dust. Deep golden yellow.....	$\frac{1}{4}$ oz., 40c .20 1.20
White Light. Pure white, excellent in flower arrangements.....	$\frac{1}{4}$ oz., 50c .25 1.80
Wild Fire. Rich dazzling scarlet.....	$\frac{1}{4}$ oz., 70c .35 2.40
Fantasy mixed.....	$\frac{1}{4}$ oz., 35c .25 1.00

GIANT-FLOWERED OR COLOSSAL

The flowers are of enormous size, thickly set with velvety petals.

Blood-Red	Deep Salmon	Royal Purple
Buttercup	Golden Yellow	Scarlet
Burnt Orange	Lavender	Violet
Cream	Rose Queen, deep rose, dark center	White
Crimson		
Each of the above.....	Trade pkt. Oz. lb., \$6.00	\$0.15 \$0.60
Colossal Varieties, Vaughan's special.	Mixed, lb., 6.00	.15 .60

LILLIPUT OR POMPON 1½ to 2 ft.

Flowers the size of large button type of Pompon "Mum."

Canary Yellow	Purple
Crimson	Rose Bud
Deep Flesh (bright pink)	Salmon-Rose, a lovely color
Golden Gem (golden orange)	Scarlet Gem
Orange	Valencia (burnt orange)
Pastel Shades Mixed.	White Gem Trade pkt. Oz.

Each of above..... lb., \$8.00 \$0.15 \$0.80

Vaughan's Special Lilliput Mixture..... lb., 8.00 .15 .80

PUMILA FL. PL.

This is called the "Cut and Come Again" type.

Alba Plena. Snowball	Pinkie. Rose-pink
Canary-Yellow	Salmon-Rose. Remarkable shade, good for cut flowers
Coccinea Plena. Fireball	
Golden Orange	
Spun Gold. Delicately tinted butter-yellow	Trade pkt. Oz. \$0.15 \$0.60

Each of the above..... .15 .50

Pumila Picotee Delight Mixed. A result of careful cross-hybridizing of the popular Pumila Salmon-Rose with Giant Picotee. The petals of the flowers are ruffled and curled, a large percentage having fringed petals with gold tips or picotee. This mixture contains an assortment of most pleasing colors..... .25 1.40

SCABIOUS FLOWERED Harmony Type

Plants 2½ to 3 ft., bearing numerous medium sized flowers, remarkably resembling the annual Scabiosa and Harmony Marigold.

Campfire. Vivid intense scarlet; very showy.....	Trade pkt. Oz. $\frac{1}{4}$ oz., 60c \$0.25 \$2.00
Sunburst. Bright canary-yellow.....	$\frac{1}{4}$ oz., 50c .25 1.80
Autumn Tints. Mixture bronzy shades. .	$\frac{1}{4}$ oz., 50c .25 1.60
Finest Mixed, bright shades, including crimson, scarlet, orange, yellow, pink and white. .	$\frac{1}{4}$ oz., 50c .25 1.80

NEW CUPID ZINNIAS (Gracillima) 1 ft.

The Smallest of All

Compact plants about 1 ft. tall, consist of a large number of slender branches which give the plant a well rounded bushy habit. Each of the numerous upright stems bears a miniature flower which hardly exceeds 1 in. in diameter.

Tiny Tim. Rich scarlet	Snowdrop. Pure clear white
Pixie. Bright yellow	Mixed Trade pkt. Oz.
Each of the above.....	$\frac{1}{4}$ oz., 60c \$0.25 \$2.00

OTHER VARIETIES

Gaillardia Flowered (Navajo)

Flowers resemble a Picta Double Gaillardia, in both form and colorings. Finest mixed..... $\frac{1}{4}$ oz., 35c .20 1.00

Halo. Neat well rounded bushes, producing a wealth of dainty single blooms which are bright mahogany-red, edged golden yellow..... $\frac{1}{4}$ oz., 50c .25 1.60

Red Riding Hood. Scarlet. Button type..... .15 .50

Linearis. The plants grew about one foot high and about 18 inches in diameter. The foliage is a neat, narrow leaf without the coarse appearance of the common garden zinnia, to which it has little resemblance. The flowers are a beautiful orange-yellow color with a lemon-yellow stripe through each petal, single and about one inch in diameter. They literally cover the plant when in bloom..... $\frac{1}{4}$ oz., 50c .25 1.80

Mexicana (Haageana) Fl. Pl., double yellow. $\frac{1}{4}$ oz., 50c .25 1.60

Hybrida. Mexican Hybrids. Double mixed. $\frac{1}{4}$ oz., 40c .25 1.40

Vaughan's Mixture of Midget Zinnias. Single, double and semi-double flowers are produced in abundance. Rich in orange, red, maroon and yellow tones, some showing red tipped with gold, salmon and gold, pure gold and rich cream. In form, many would hardly be recognized as zinnias. They are wonderful material for decorations..... $\frac{1}{4}$ oz., 60c .25 2.00



ACONITUM Napellus

ANCHUSA Myosotidiflora.
Tr. pkt., 50c.

One of the most attractive of spring blooming perennials. A real gem for the border.

ANTHEMIS Sancta Johannis.
Tr. pkt., 25c; 1/4 oz., 80c; oz., \$2.80.

Seeds of Biennials and Hardy Perennials

Perennials fill a large and interesting place in the operations of an up-to-date florist establishment. Some are as easily raised as annuals; quite a few may be forced; others make fine pot plants; and many furnish splendid cutting material. The rock garden requirements absorb all the low-growing varieties and the florist with his eye to the future will devote considerable space to perennials of all kinds. They require little heat, if any, and not much care.

SEED GERMINATES SLOWLY AND IRREGULARLY
of the following varieties and seed bed should be prepared where it will be undisturbed for a year or more.

Acanthus Mollis, Aconitum, Adonis Vernalis, Anemone, Asperula Odorata, Clematis, Delphinium Cardinale, Delphinium Zalil, Delphinium Nudicaule, Dictamnus, Dielytra, Doronicum, Gentiana, Helieborus Niger, Incarvillea, Iris, Phlox Decussata, Primulas (Alpine) Trollius and nearly all Alpines.

Acaena Glauca. X	Silvery green foliage, for carpeting and rock steps, 2 in.	1/8 oz.	60c	0.25	....
Acanthus Latifolius (Bear's Breech).	Fine foliaged decoration plant, 3 ft.	1b.	\$3.00	.10	\$0.30
Achillea Ageratum. X	Yellow, scented, 24 in.	.25	1.20		
Filipendula, Parker's Var.	A splendid cut flower. The flowers, if cut when fully open, may be dried for later use. Yellow, 4 to 5 ft.	1/4 oz.	70c	.25	2.40
Millefolium Kelwayi.	Magenta red, 18 in.	1/4 oz.	50c	.25	1.60
Cerise Queen.	Dark cherry-red, 24 in.	1/8 oz.	90c	.50	
Rubra.	Magenta red, 24 in.	1/4 oz.	50c	.25	1.60
Ptarmica Fl. Pl.	The Pearl. Abundant small white flowers, for cutting, 30 in.	1/4 oz.	50c	.25	1.80
Tomentosa Aurea.	X Ferny green mats, golden umbels, 6 in.	1/8 oz.	\$1.00	.50	....
Aconitum (Monk's Hood). Fischeri.	Deep blue flowers in dense spikes, 30 in.	1/4 oz.	50c	.25	1.70
Napellus.	Dark blue, 36 in.	1/4 oz.	45c	.25	1.40
Wilsoni.	Mid-blue, large and late flowering	1/4 oz.	60c	.25	2.00
Barker's Variety.	Branching habit, flowers pretty amethyst blue.	1/4 oz.	75c	.30	2.60
Mixed.		1/4 oz.	50c	.25	1.80
Adlumia Cirrhosa.	Allegheny Vine. Beautiful rose flowers.			.25	....
Adonis Vernalis (Flower of the Gods, Ox Eye).	Large golden yellow flowers, 12 in.	1/4 oz.	50c	.25	1.60
Aethionema Coridifolium (Lebanon Candytuft).	Light rosy purple, 8 in.	1/8 oz.	\$1.50	.35	....
Agathaea Coelestis (Blue Daisy).	40 in.	1/4 oz.	40c	.25	1.20
Agrostemma Coronaria Atrosanguinea (Rose Cam-pion).	Deep blood-red, 28 in.	.10	.30		
Coronaria, Mixed.		.10	.20		
Flos Jovis.	Carmine-rose, 16 in.	.10	.40		
Hybrida Walkeri.	Brilliant rosy purple, 16 in.	.10	.40		
Allium Pulchellum X	Brilliant loose clusters of reddish lilac flowers, August, 16 in.	1/4 oz.	80c	.35	2.80

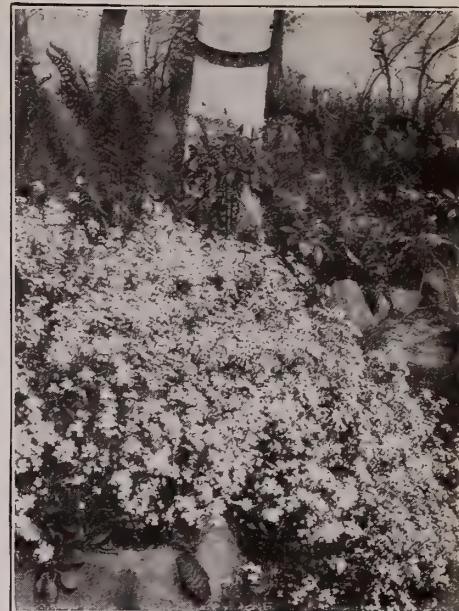
Rock Plants are followed by X and the heights given are of the plants when in bloom.

Unless otherwise quoted we supply 1/2 oz. at the ounce price and 4 oz. (of a variety) at the pound price.

Allwoodii, see Dianthus.	Trade pkt. Oz.				
Alstroemeria Aurantiaca.	Orange, streaked with red, 3 to 4 ft. Fine for cutting.	1/4 oz.	60c	0.25	\$2.00
Chilensis (Pulchella).	Finest mixed.	1/4 oz.	60c	.25	2.00
Alyssum Argenteum. X	Yellow-flowered, silvery foliage, 24 in.	1/4 oz.	50c	.25	1.80
Rostratum.	Yellow. Free-flowering, 16 in.	1/4 oz.	60c	.25	....
Saxatile Compactum (Gold Dust).	Golden yellow, 12 in.	1/4 oz.	25c	.15	.80
Sulphureum (Citrinum).	Sulphur-yellow, 15 in.	1/4 oz.	60c	.25	2.00
Serpulifolium.	Yellow, 6 in.	1/4 oz.	\$1.20	.35	4.20
Rock Garden Perennial Species.	Mixed.	1/4 oz.	1.00	.35	....
Ampelopsis Veitchi, Boston Ivy.	Clean seed.	lb.	2.00	.10	.20
Archusa Affinis.	Probably the easiest to grow and without question the most graceful. Beauty lies in its gracious curves; uncurling racemes set with white-centered stars of imperial violet. Height, 40 in. Sown early it will flower first year.	1/4 oz.	70c	.35	2.40
Angustifolia, [Navy-blue, Earliest, dwarf, dark blue, 2 1/2 ft.	1/4 oz.	40c	.25	....
Barrieri,	....	1/4 oz.	50c	.25	1.60
Italica, Dropmore Variety.	Large, gentian-blue, excellent perennial for cutting, 6 ft	....lb.	\$4.00	.15	.40
Dwarf Dropmore Variety (Feltham Pride).	Neat habit, flowers brighter blue than preceding.	3 ft.	1/4 oz.	.85c	3.00
Lissadell.	Clear gentian-blue. 6 ft	....	1/4 oz.	.85c	.60
Morning Glory.	Clear blue, a little lighter than Lissadell but quite similar. Height about 5 ft., coming very true. Buds appear a rosy mauve but turn to clear blue as they open.	1/4 oz.	50c	.25	1.80
Myosotidiflora, X	Beautiful Forget-Me-Not-blue, Flowers in April and May.	15 in.	....	.50	....
Anemone (Windflower), Coronaria.	Blue. 18 in.	1/4 oz.	45c	.25	1.40
His Excellency.	X Single, scarlet, 1 ft.	1/4 oz.	45c	.25	1.40



AQUILEGIA—Mrs. Scott Elliott's Strain.

ARMERIA Ruby.
Tr. pkt., 50c; $\frac{1}{8}$ oz., \$1.00.ARABIS Alpina.
Tr. pkt., 10c; oz., 40c.

ANEMONE—Continued.

	Tr. pkt.	Oz.	
The Governor. X Double bright scarlet.	$\frac{1}{4}$ oz., 55c	\$0.25	\$1.80
St. Brigid's Hybrids (Irish Champions). Irish-grown St. Brigid's are largely favored by commercial growers on account of the lasting quality of the bloom, length of stem, and the brilliancy of colors.	18 in. $\frac{1}{4}$ oz., 85c	.35	2.80
Pulsatilla. X Violet-lilac, 12 in.	$\frac{1}{4}$ oz., 65c	.25	2.20
Rubra. X Handsome red purple flowers.	$\frac{1}{4}$ oz., \$1.00	.35	...
Sylvestris. X White, large-flowered, 12 in.	$\frac{1}{4}$ oz., 50c	.25	1.60
Anthemis Kelwayii (Hardy Marguerite). Daisy-like lemon-yellow blossoms, produced all summer, 3 ft.	.15	.50	
Kelwayii Alba. Hardy white Marguerite, 3 ft.	.15	.60	
Montana. X Charming species producing pure white flowers in abundance, 12 in.	$\frac{1}{4}$ oz., 40c	.25	...
Tinctoria. Very useful yellow border plant, 2 to 3 ft.	.15	.60	
Perry's Variety. Light yellow, varies 2 ft.	$\frac{1}{4}$ oz., 40c	.25	1.40
Sancta Johannis. Rich glowing orange Marguerite.	$\frac{1}{4}$ oz., 80c	.25	2.80
Antirrhinum Asarina. X A very free flowering, creeping cream colored snapdragon for sunny rock gardens and dry walls, 6 in.	$\frac{1}{8}$ oz., 75c	.25	...

AQUILEGIA X (Columbine)

Alpina. Blue. A beautiful short spurred form, 24 in.	$\frac{1}{4}$ oz., 50c	.25	1.80
Buergeriana. Delicate yellow flowers tinted with purple. 1 ft.	.35	...	
California Hybrid. A light yellow, red spur, 3 ft.	$\frac{1}{4}$ oz., 50c	.25	1.80
Canadensis. Old rose with yellow, 30 in.	$\frac{1}{4}$ oz., 50c	.25	1.80
Chrysantha. Light chrome-yellow, fine, 36 in.	$\frac{1}{4}$ oz., 45c	.25	1.60
Chrysantha Silver Queen. Long-spurred silvery white, 2 ft.	$\frac{1}{4}$ oz., 50c	.25	1.80
Clematiflora. Mixed, light shades, spurless.	.75	...	
Coerulea Blue. Sky-blue with white corolla. X Rocky Mt. Columbine.	$\frac{1}{4}$ oz., 50c	.25	1.80
Mrs. Nicholls. Deep blue and bolder flower than Coerulea.	$\frac{1}{6}$ oz., 90c	.50	...
Rose Queen. Shades of rose with white corolla, 30 in.	$\frac{1}{4}$ oz., 50c	.25	1.80
Dobbie's Imperial Hybrids. A very fine selection made by a European hybridizer.	$\frac{1}{4}$ oz., 65c	.25	2.20
Flabellata Nana Alba. Pure white early flowering 12 inch.	$\frac{1}{8}$ oz., \$1.50	.35	...
Glandulosa Vera. Enormous, spurless flowers of the loveliest and purest sapphire with white corolla, 12 to 18 in.	.75	...	
Longissima. Long spurred delicate yellow.	$\frac{1}{16}$ oz., \$3.00	1.00	...
Longissima Hybrids. Very long spurred variety in many attractive shades.	.50	...	

Seeds of Biennials and Hardy Perennials

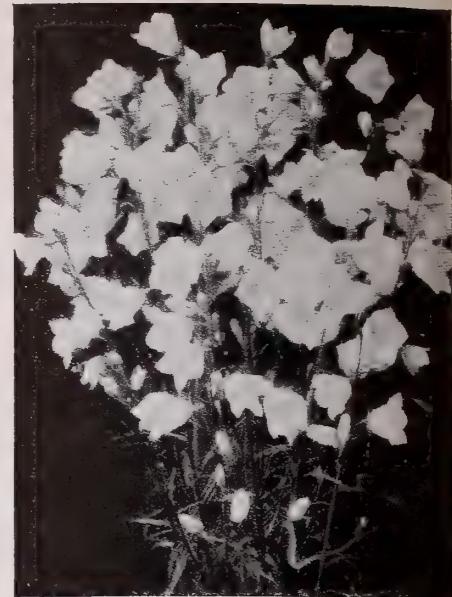
AQUILEGIA X (Columbine)—Continued.

	Trade pkt.	Oz.
Long-Spurred Blue Shades.	$\frac{1}{4}$ oz., 85c	\$0.35
Blue shades. Special selection.	$\frac{1}{8}$ oz., \$1.00	.50
Copper Queen. Copper-red, straw-colored corolla, 18 in.	$\frac{1}{4}$ oz., 85c	.35
Crimson Star. Long spurs of rich crimson, the center is white tinged carmine, flowers 3 in. across on 2 ft. stems.	$\frac{1}{4}$ oz., \$2.00; $\frac{1}{8}$ oz., \$1.20	.50
Orange and Scarlet Shades.	$\frac{1}{4}$ oz., 90c	.35
Mrs. Scott Elliott's Strain. The blooms are of large size and the spurs very long. The colors range through shades of lavender, mauve, blue, purple, white, cream, yellow, pink, red, etc.	$\frac{1}{4}$ oz., 85c	.35
Special mixture of long spurred varieties. A mixture of superior American and English strains.	$\frac{1}{4}$ oz., 90c	2.80
Red Riding Hood. Umbrella-like old rose calyx, above a pure white double corolla.	.50	...
Rainbow Mixture of Colorado varieties. Many charming colors of our native Columbine.	$\frac{1}{4}$ oz., 85c	.35
Skinneri. Scarlet spurs with yellowish green corolla.	$\frac{1}{4}$ oz., 65c	.25
Talisman (Jaetschau). Large yellow with red spurs.	$\frac{1}{4}$ oz., 60c	.25
Vulgaris Compacta Edelweiss. The plants are 16 to 20 inches high, and covered with large, erect, snow-white blossoms in early spring.	$\frac{1}{4}$ oz., 65c	.25
Double White. Attractive old fashioned variety, 30 in.	$\frac{1}{4}$ oz., 65c	2.00
Double Old Rose. 36 in.	$\frac{1}{4}$ oz., 70c	.25
Vaughan's Special Mixture. All types.	$\frac{1}{4}$ oz., 85c	3.00
Arabis X Alpina. White, 1 ft.	lb., \$4.80	.10
Alpina Grandiflora Superba. Large white, 1 ft.	.20	1.00
Nana Compacta. White 8 in.	$\frac{1}{4}$ oz., 60c	.25
Rosea, Pink. 1 ft.	$\frac{1}{4}$ oz., \$1.00	.35
Snow Cap. Extremely dwarf and compact habit, really shining snow-white cushions of flowers.	.50	...
Spring Charm. Intense carmine flowers, bushy plant, 8 in.	$\frac{1}{4}$ oz., 55c	.25
Billiardieri Rosea. Dwarf, pink, 8 in.	.50	...
Arenaria Montana. X White, 12 in.	$\frac{1}{8}$ oz., \$1.00	.50
Aristolochia Siphon (Dutchman's Pipe). Large-leaved.	.25	1.20
Tomentosa. Small leaf.	.15	.80
Armeria X Alpina. Deep rose, 12 in.	$\frac{1}{8}$ oz., \$1.00	.50
Formosa. Red, 2 ft.	$\frac{1}{4}$ oz., 60c	.25
Formosa Hybrida. 2 ft.	$\frac{1}{4}$ oz., 40c	.25
Glory of Holland. Giant pink. Immense flowers borne on long, stout stems.	$\frac{1}{8}$ oz., \$1.00	.50
Laucheania. Rosy crimson, 9 in.	$\frac{1}{4}$ oz., \$1.00	.35
Maritima. Lilac-rose, 12 in.	$\frac{1}{4}$ oz., 80c	.35
Ruby. Deep rose-colored flowers, 24 in.	$\frac{1}{8}$ oz., \$1.00	.50
		7.00
		3.60
		2.80
		6.40

Rock Plants are followed by X and the heights given are of the plants when in bloom.



Seeds of Biennials and Hardy Perennials



ASTER Sub-Coeruleus Wartburg Star

BELLIS Perennis F1. Pl. Superbissima Giant

CAMPANULA Persicifolia

		Trade	pkt.	Oz.
Arnica Montana (Mountain Tobacco or Snuff). X	Yellow, fragrant, 20 in.	1/4 oz., 50c	\$0.25	\$1.60
Asclepias Tuberosa (Butterfly Weed). Orange, fine cut flower and garden plant, 24 in.	1/4 oz., 70c	.35	2.40	
Asparagus Spitzenschleier (Lace Veil). Far finer in foliage density. Better than <i>Verticillatus</i> and just as hardy. 100 seeds, \$1.00; 250 seeds, \$2.20; 1,000 seeds, \$8.00				
Asperula Hexaphylla . White, excellent for cutting, 3 ft.		.15		.80
Odorata (Woodruff). Very fragrant, white, 12 in.		.15		1.00
Asphodelus Luteus . Yellow, fragrant, 3 ft.	1/4 oz., 50c	.25		1.80
Aster Perennial . Large-Flowering Varieties, mixed.				
Alpinus. Light blue. 1 ft.	1/4 oz., 65c	.35		2.20
Albus. Pure white. 1 ft.	1/4 oz., 90c	.35		3.20
Dark Beauty. Deep blue, 1 ft.				
Goliath. X Soft blue, largest flowered, fine, 15 in.				
Alpinus. Light blue. 1 ft.	1/4 oz., 80c	.35		2.80
Ruber. Rosy lavender (varies)				
Mixed, 15 in.	1/4 oz., 65c	.35		2.20
Amellus Hybridus . New named varieties, finest mixed, 30 in.	1/4 oz., 75c	.35		2.60
Beauty of Ronsdorf . Large lilac-rose flowers in great profusion; plants two feet high, branching freely; blooms in August-Sept.; 30 in.	1/4 oz., 90c	.50		3.20
Roseus. Very like the <i>Beauty of Ronsdorf</i> , except in color, which is a clear rose. 30 in.	1/4 oz., \$1.20	.50		4.00
Farreri . X Color is a soft tone of violet-mauve, with large golden orange disc, and flowers are from 2 to 3 inches across. June and July; creeping.	1/4 oz., \$1.25	.40		4.80
Hybridus Luteus . Giant sprays of primrose yellow.				
Rotundifolius . X Bright yellow discs are surrounded with ray florets of a fine forget-me-not blue, 6 in.				
	1/4 oz., 80c	.35		

ASTER WARTBURG STAR

(Star of Eisenach)

One of the largest of the early flowering hardy Asters, beginning to bloom the end of May. The flowers are of a bright lavender with a diameter up to 4 inches, produced singly on stiff stems of about 28 inches. Its early flowering habit makes it of special value, coming at a time when long-stemmed outdoor flowers are scarce. Trade pkts., 50c; $\frac{1}{2}$ oz., \$2.00; oz., \$10.00.

Yunnanensis. Brilliant lilac-blue, flowers in early Tr. pkt. Oz
summer, 15 in. \$0.50

<i>Aubrieta</i> \times Large-Flowered Hybrids. Lovely dwarf spring blooming plants. Form beautiful cushions of foliage and flowers. 6 in.	$\frac{1}{4}$ oz., 50c	.25	\$1.60
<i>Bougainvillei</i> . \times Dark blue, 6 in.	$\frac{1}{4}$ oz., 75c	.35	2.60
<i>Deltoidea</i> . \times Lilac, 6 in.	$\frac{1}{4}$ oz., 60c	.25	2.00
<i>Eyrii</i> . \times Free flowering large blue.	$\frac{1}{4}$ oz., 70c	.25	2.40
<i>Graeca</i> . Large blue free flowering, 6 in.	$\frac{1}{4}$ oz., 60c	.25	2.00

Rock Plants are followed by X and the heights given are of the plants when in bloom.

AUBRIETIA—Continued.		Trade	pkt.	Oz.
Leichtlini. X Large-flowered, rosy purple.	$\frac{1}{8}$ oz., 40c	\$0.25		....
Rosae Grandiflora. X Pink, 6 in.	$\frac{1}{8}$ oz., 40c	.25		....
Whitewell Gem. X Glowing rosy purple with slight tinge of blue, 6 in.	$\frac{1}{8}$ oz., 60c	.25		....
Auricula. See <i>Primula</i> .				
Baby's Breath. See <i>Gypsophila Paniculata</i> .				
Baptisia Australis (False Indigo). Beautiful racemes of pea-shaped indigo-blue flowers, 2-4 ft., lb., \$4.00		.10	\$0.40	
Bellis Perennis X or English Daisy, 6 in.				
Longfellow. Double dark rose.	$\frac{1}{4}$ oz., 40c	.25		1.40
Long Stemmed Excelsa Rose. The lovely rose color of its large flowers, with their strong eight-inch-long stems, makes this dainty English Daisy fine cut flower, nice for corsages, baby crib, and table decoration.	$\frac{1}{8}$ oz., \$1.50	.50		....
Snowball. Double white.	$\frac{1}{4}$ oz., 40c	.25		1.40
White with red center.	$\frac{1}{8}$ oz., 60c	.25		....
<u>Monstrosa</u> , double pink.	$\frac{1}{4}$ oz., 70c	.25		2.40
Double Crimson. New.	$\frac{1}{4}$ oz., \$1.80	.50		....
Double Red (dark rose).	$\frac{1}{4}$ oz., 85c	.35		2.80
Double White.	$\frac{1}{4}$ oz., 65c	.25		2.20
Double mixed.	$\frac{1}{4}$ oz., 50c	.25		1.80
<u>Tubulosa</u> Aetna. Rich deep red.	$\frac{1}{4}$ oz., 85c	.35		3.00
Bernina, white passing to pink.	$\frac{1}{8}$ oz., 80c	.35		....
Glory of Frankfurt, brilliant dark red.		.50		....
Monterosa, rose.	$\frac{1}{8}$ oz., 90c	.35		....
Titlis, carmine.	$\frac{1}{8}$ oz., 90c	.35		....
Mixed.	$\frac{1}{8}$ oz., 90c	.35		....
<u>Super Giant White</u> —The largest flowered white.	$\frac{1}{16}$ oz., \$1.00	.50		....
<u>Super Giant Rose</u> .	$\frac{1}{16}$ oz., \$1.00	.50		....
<u>Tubulosa Atrosanguinea</u> . Double quilled dark red.		.50		....
Vaughan's Special Mixture.	$\frac{1}{8}$ oz., 90c; $\frac{1}{4}$ oz., \$1.50	.50		....
Betonica Grandiflora. Red-purple flower-heads, 1 ft. Good border plant.	$\frac{1}{4}$ oz., 60c	.25		....
Bignonia Radicans (Trumpet Vine). Dark red, orange throat.		.15		.50
Bocconia Japonica (Plume Poppy). Panicles of small whitish flowers, 5 ft.		.10		.40
Boltonia Asteroides. White daisy flowers, 4-6 ft.				
Latisquama. Delicate pink, 4-5 ft.	$\frac{1}{4}$ oz., 70c	.25		2.40
Buphthalmum Salicifolium. Yellow, 18 in.	$\frac{1}{4}$ oz., 40c	.25		2.00
Speciosum (Cordifolium).		.25		1.40
Calamintha Alpina. X Purple, 6 in.	$\frac{1}{16}$ oz., 80c	.50		....
Callirhoe Involucrata. X Large crimson flowers, trail- ing habit, very showy, 6 in.	$\frac{1}{4}$ oz., 70c	.25		2.60
CAMPANULA PERENNIAL SORTS				
Alliariaefolia. Creamy white. A desirable border plant. 2½ ft.	$\frac{1}{4}$ oz., 60c	.25		2.00
Carpatica X (Hare Bell). Blue, 9 in.	$\frac{1}{4}$ oz., 25c	.15		.80
Alba, X White, 9 in.	$\frac{1}{4}$ oz., 25c	.15		.80
Mixed, X.	$\frac{1}{4}$ oz., 25c	.10		.80

Seeds of Biennials and Hardy Perennials

CAMPANULA—PERENNIAL SORTS—Continued. Trade pkt. Oz.

Collina.	Upright, compact, bushy habit. In May and June are thickly covered with intense campanula blue pendent flowers. Excellent for edging, rockery and alpine gardens as well as in larger spaces, 8 in.	....	\$0.50	....
Fragilis.	Blue Star of Bethlehem. Blue, splendid for hanging baskets	.50	....
Garganica.	× Dwarf trailer, flowers blue, 4 in.	.75	....
Glomerata Superba	(Clustered Bellflower). Beautiful dark violet flowers borne in clusters at the top and all the way up the stalks. June-July. 20 in.	....	
Lactiflora Coerulea.	Light blue, 3 ft.	1/8 oz., 65c	.35	\$4.00
Latifolia Macrantha.	Blue, large-fld., 40 in.	1/4 oz., 50c	.25	1.60
Macrantha Alba.	White, 40 in.	....	.25	....
Persicifolia (Peach Bell) Alba.	White, fine, 30 in.	....	
Grandiflora Fl. Pl. Moerheimi.	Flowers large, semi-double, cup-shaped, pure white. 2 ft.	1/16 oz., \$1.40	.50	....
Coerulea.	Blue, 30 in.	1/4 oz., 50c	.25	1.80
Coerulea Plena.	Double blue, 30 in.	1/4 oz., 65c	.25	2.20
Telham Beauty.	Very large bells of China blue, varies, 30 in.	1/8 oz., \$1.00	.50	....
Single mixed.	....	1/4 oz., 50c	.25	1.80
Pusilla.	× Light blue bells. Very free blooming, July, 4 in.	....	.50	....
Pyramidalis Alba.	White, 5 ft.	1/4 oz., 50c	.25	1.60
Blue.	Lavender-blue, 5 ft.	1/4 oz., 45c	.25	1.40
Mixed.	....	1/4 oz., 45c	.25	1.40
Raineri.	Charming Alpine plant, erect blue flowers, 3 in.	....	....
Rotundifolia.	Slender branching stems, covered with dainty frail blue flowers, 6-12 in.	1/4 oz., \$1.20	.35	4.00
Olympica.	× Light blue. 10 to 12 in.	1/16 oz., 1.00	.50	....
Trachelium (Coventry Bells).	Crowded heads of lavender-blue flowers, 2-3 ft., varies.	....	.15	.80
Turbinata.	× Forms close mats of foliage and bears large cup-shaped flowers of blue, sitting close to the plant and fairly smothering it.	1/4 oz., 60c	.25	2.20
Alba.	× White, 18 in.	....	.50	....
Perennial Varieties.	Mixed.	1/4 oz., 40c	.25	1.40
Rock Garden Varieties.	Mixed.	1/4 oz., 60c	.25	2.20

CAMPANULA BIENNIAL SORTS

Medium Calycanthema, Cup and Saucer.	Blue, Lilac, White, Pink, 36 in., each.	1/4 oz., 40c	.15	1.40
Calycanthema Mixed.	....	1/4 oz., 40c	.15	1.20
Dwarf Canterbury Bells.	Mixed. A neat dwarf compact type with glorious giant flowers of various colors. It is very floriferous and is ideal for spring bedding, 20 in.	1/4 oz., 60c	.25	2.00
Single.	Canterbury Bell. Blue, Lilac, Rose, White, 36 in., each.	....	.10	.40
Single Mixed.	....	....	.10	.30
Double, Blue,	32 in., Rose, White, Double Mixed	....	....
Each of the above.	1/4 oz., 25c	.15	.80	
Double and single mixed.	....	....	.15	.60

Candytuft	× Gibraltarica. 1 ft. Large flowers, lilac shaded to white.	1/4 oz., 25c	.15	.80
Jucunda (Lebanon Candytuft).	Dwarf pretty pink, 4 in.	1/8 oz., \$1.50	.35	....
Queen of Italy.	Dwarf evergreen foliage, rosy lilac, 10 in.	....	.15	.60
Sempervirens.	12 in. White	1/4 oz., 50c	.25	1.40
Tenoreana,	16 in. Lilac and white	....	.15	.60

Canterbury Bells. See Campanula Medium.

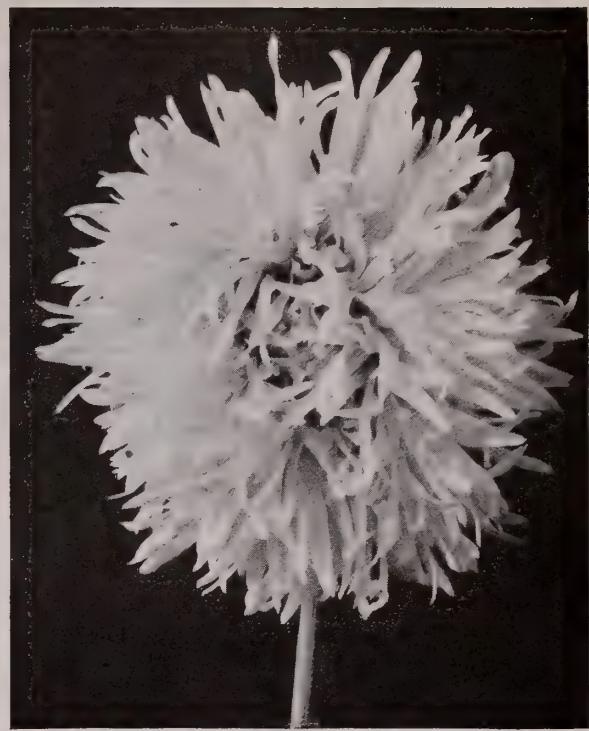
Carnation, Vienna Dwarf.	Mixed.	1/4 oz., 50c	.25	1.80
Vienna Dwarf. White.	....	1/4 oz., 65c	.25	2.20
Pink.	....	1/4 oz., 60c	.25	2.00
Grenadin Red, Half high.	20 in.	1/4 oz., 60c	.25	2.00
Red. Dwarf.	14 in.	1/4 oz., 85c	.35	2.80
Golden Sun.	Golden yellow	1/4 oz., \$1.00	.35	3.20
White, 20 in.	....	1/4 oz., 60c	.25	2.00
Tausendschön.	Soft salmon-rose to bright pink.	....	
Triumph Rose,	20 in.	1/4 oz., 85c	.35	2.80
King of the Blacks.	Darkest red, very fine.	1/4 oz., 75c	.35	2.60
Mixed.	....	1/4 oz., 60c	.25	2.00

Cassia Marylandica (Indian Senna). Racemes of showy yellow flowers, 30 in.

1/4 oz., 40c

.25

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SHASTA DAISY—Diener's Double Giant

Trade pkt. Oz.

Catananche Coerulea.	Blue with dark eye, fine, everlasting 30 in.	1/4 oz., 40c	\$0.25	\$1.30
Coerulea Alba.	White, dark eye, 30 in.	1/4 oz., 40c	.25	....
Centaurea Dealbata.	Rose flowers. Graceful silvery leaves, 18 in.	1/4 oz., 40c	.25	1.40
Macrocephala.	Golden yellow, 36 in.	1/4 oz., 40c	.20	1.20
Montana.	Cornflower blue, 24 in.	....	lb., \$5.00	.15 .50
Alba.	White, superb large flowers, 24 in.	....	.15 .60	
Ruthenica.	Light yellow, 4 ft.	1/4 oz., 60c	.25	2.20
Perennial sorts mixed.	....	1/4 oz., 45c	.25	1.40
Cephalaria Alpina.	Sulphur-yellow, 5 ft.	1/4 oz., 40c	.15	1.40
Cerastium	× Tomentosum (Snowin Summer). Silvery white foliage, white flowers, 16 in.	1/4 oz., 40c	.25	1.40
Cheiranthus Allionii.	Brilliant orange, 16 in.	1/4 oz., 40c	.10	.30
Golden Bedder.	A deep golden yellow. The individual flowers are larger than the Allioni. It is sweetly scented, long flowering (especially if the seed pods are not allowed to form).	1/4 oz., 25c	.15	.80
Kewensis.	Winter-blooming Wallflower. Fragrant flowers, sulphur passing to gold and violet, 30 in.	....	.15 .25	
Linifolius.	Lilac, 18 in.	1/4 oz., 40c	.15	1.30
Chelone Barbata Coccinea.	Scarlet with yellow, 4 ft.	....	.15 .60	
Barbata Praecox. (Early Flg.)	Pink to cherry-red, in pretty spikes; a desirable cut flower.	3 to 4 ft.	.15 .60	
Torreyi.	Brick-red, 4 ft.	1/4 oz., 30c	.15	1.00
Hybrida.	Mixed, 4 ft.	....	.15 .60	
Nana.	Dwarf Mixed, 16 in.	1/4 oz., 50c	.25	....
Clove Pink.	See Dianthus Plumarius.	....	....
CHRYSANTHEMUM				
Leucanthemum (Spring Marguerite).	Early flowering, white. 36 in., "Mother's Day."	....	.15	.60
Maximum Avalanche.	Forms compact bushes 2 ft. high. Producing large white Marguerites, practically covering the plant.	1/4 oz., 25c	.15	.80
Dwarf Bouquet.	Blooms from seed the first year. Forms a bouquet of pure white flowers in a dainty and elegant manner. The blooms have very small centers. Plants are 12-15 inches tall. The stems come from the base and do not branch.	....	
King Edward VII.	White.	1/4 oz., 25c	.15	.80
Lacinatum, Comet Marguerite	white, 3 ft.	1/4 oz., 50c	.20	1.80
Mrs. C. Lothian Bell.	Single white, 3 ft.	1/4 oz., 40c	.25	1.40
Elder Daisy.	Early blooming, smaller flowering than Alaska, but more flowers.	1/4 oz., 25c	.15	.80

Rock Plants are followed by X and the heights given are of the plants when in bloom.

Seeds of Biennials and Hardy Perennials

CHRYSANthemum—Continued.

Conqueror (Victor). Giant flowered white. $\frac{1}{4}$ oz., 25c \$0.15 \$0.80

Korean Hybrids. Seed saved from a large acreage of experimental crosses representing a wonderful range of magnificent colors. Large flowering single and semi-double. $\frac{1}{8}$ oz., \$2.00 1.00

Mawii. Rich pink flowers two inches across, silvery foliage, 1 ft. $\frac{1}{4}$ oz., \$1.20 .35

Cimicifuga Simplex. Shade loving perennial, shoots out flower stalk of about 3 feet in the late summer. Numerous white flowers are borne on long and almost straight spikes; very attractive when planted together with other herbs, especially along wood-side. $\frac{1}{4}$ oz., 50c .20 1.80

Clematis Paniculata. Small, sweet-scented, white flowers. lb., \$3.40 .10 .30

Recta Grandiflora. Dark leaved. This is an improved strain, possessing a compact habit and not sprawly as is the usual character. The foliage is a rich dark glossy green, which is much more effective than the light green of the type. We recommend this strain as an outstanding selection. $\frac{1}{4}$ oz., 65c .35 2.00

Columbine. See Aquilegia.

Coreopsis Lanceolata Grandiflora. Very large golden yellow flowers, long stemmed, excellent for cutting. lb., \$2.40 .10 .30

Lanceolata Auriculata Superba Diadem. Dark yellow with band of brownish red around disc. 3 ft. .15 .60

Double Sunburst (Double New Gold). Large double flowers $1\frac{1}{2}$ to 2 in. across. $\frac{1}{4}$ oz., 25c .15 .80

Mayfield Giant. Best large deep golden yellow. .15 .60

Corydalis X Cheilanthifolia. Fern-like foliage, golden yellow flower spikes, April-Oct. 20 in. .50

Lutea. Yellow. For borders and walls, 1 ft. .50

Crucianella X Stylosa. Light red, 18 in. .10 .60

Delphinium

PACIFIC GIANT (Vetterle and Reinelt)

This new strain produces plants that are 60 to 65 percent mildew-resistant. The flowers are of immense size, tightly set on straight stems that are strong and whippy. The flowers do not shatter and represent a truly outstanding addition to the cut flower market.

Pacific Giant Dark Blue Shades. Pacific Giant Pastel Shades.

Pacific Giant Light Blue Shades.

Pacific Giant Mixed. This mixture of blue shades and white.

Each of above. Trade pkt., \$1.00; $\frac{1}{8}$ oz., \$2.00; $\frac{1}{4}$ oz., \$3.50; oz., \$12.00.

Pacific Double White. Flowers well spaced and of good texture with white bees, with a branching habit of growth. Cheese cloth protection when blooming will keep the whiteness of flowers unmarred by dust or insects. Trade pkt., \$1.25; $\frac{1}{8}$ oz., \$2.50; $\frac{1}{4}$ oz., \$4.00; oz., \$14.00.

Blue Jay. Medium to dark blue with dark bee. Trade pkt., \$1.25; $\frac{1}{8}$ oz., \$3.00.

Galahad Series. Clear white of enormous size, averaging three inches in diameter of individual flowers with very heavy glistening texture, pyramidal spikes with well spaced flowers, good branching habit, strong whippy stems with a high percentage of mildew resistance. Trade pkt., \$2.00; $\frac{1}{8}$ oz., \$4.00; $\frac{1}{4}$ oz., \$7.00; $\frac{1}{2}$ oz., \$13.00; oz., \$24.00.



FLORET OF DELPHINIUM PACIFIC HYBRID
($\frac{1}{2}$ NATURAL SIZE)

DELPHINIUM Paci0c Giant—Continued.

Guinevere. Light pink lavender self with white bee. Individual floret $2\frac{1}{2}$ to 3 inches in diameter, large spikes. Excellent branching habits. For cut flowers and show purposes. Mildew resistance 50 to 70 percent. Trade pkt., \$1.25; $\frac{1}{8}$ oz., \$2.50; $\frac{1}{4}$ oz., \$4.00; oz., \$14.00.

King Arthur. Brilliant royal violet with large white bee. Individual florets $2\frac{1}{2}$ inches in diameter, very thin woody stems with small foliage. Very long graceful spikes. Excellent for both cut flower and show purposes. Mildew resistance from 80 to 90 percent. Trade pkt., \$1.25; $\frac{1}{8}$ oz., \$2.50.

Lancelot Series. A new color in Delphinium of pure lilac self tone with white bee. Individual flowers 2 to $2\frac{1}{2}$ inches in diameter. The growth has all the desirable characteristics making it an ideal cut and show flower. Trade pkt., \$2.00.

Summer Skies. Clearest light blue with white bee. Individual florets 2 to $2\frac{1}{2}$ inches in diameter. Thin woody stems with very strong branching habits. Ideal for cut flower purposes. Mildew resistance 40 to 60 percent. Trade pkt., \$1.25; $\frac{1}{8}$ oz., \$2.50; $\frac{1}{4}$ oz., \$4.00.

Blackmore and Langdon Strain, Mixed. Tall, graceful Tr. pkt. Oz. spikes covered with blooms. All the clear shades of blue with many delightful opaline variations, with bees of contrasting colors. $\frac{1}{4}$ oz., 85c; lb., \$32.00 \$0.50 \$2.80

Wrexham Strain (Hollyhock Delphinium). The chief distinguishing features of the "Hollyhock" Delphiniums are the extraordinary length and the tapering and spire-like shape of the spikes; the indescribably rich and varied tints; the very remarkable extension of the flowering period. $\frac{1}{4}$ lb., \$16.00; $\frac{1}{4}$ oz., \$1.35 .50 4.80

Wrexham Strain. Art shades. $\frac{1}{4}$ oz., \$1.65 .75 6.00

Deep Blue Shades. $\frac{1}{4}$ oz., 1.65 .75 6.00

Light Blue Shades. $\frac{1}{4}$ oz., 1.65 .75 6.00

Mid-Blue Shades. $\frac{1}{4}$ oz., 1.65 .75 6.00

Double Selecta. Extra double new hybrids, mixed, producing 90% extra double flowers of large size and excellent color variation. $\frac{1}{4}$ oz., \$1.65 .50 6.00

Gold Medal Hybrids. Extra choice strain. Lb., \$14.00 .25 1.40

Vaughan's Special Mixture. Perennial varieties. $\frac{1}{4}$ oz., \$1.35 .50 5.00

Belladonna. Blue Grotto. Deep blue, bee royal purple with cream center. $\frac{1}{4}$ oz., 70c .35 2.40

Light Blue, Improved. Light blue, large flowered, strong grower, 4 to 5 ft. lb., \$24.00 .35 2.00

Lamartine. The flowers are a rich, deep blue with a pure white eye. It makes a sturdy, vigorous, healthy plant five feet tall which blooms from June until frost. $\frac{1}{4}$ oz., \$1.20 .50 4.00

Bellamosum Improved. Large deep blue flowers, uniform in color with a white bee. 4 to 5 ft. lb., \$26.00; $\frac{1}{4}$ oz., 65c .35 2.20

Cardinale. Fine scarlet flowers, yellow center, 30 in. $\frac{1}{4}$ oz., 65c .35 2.20

Chinense Album Grandiflorum. White, 36 in. .20 .80

Azureum Grandiflorum. Blue, 36 in. lb., \$7.00 .20 .80

Coeruleum Special Market Strain. Gentian-blue, fine for cutting. $\frac{1}{4}$ oz., 40c .25 1.40

Cambridge Blue. Light blue. $\frac{1}{4}$ oz., 60c .35 2.20

Mixed. .15 .70

Azure Fairy. Soft azure-blue, 20 in. .20 1.00

Tom Thumb Ultramarine. A dwarf species, with fine feathery foliage with beautiful flowers in open panicles in ultramarine-blue, 1 ft. .20 1.00

Elatum Hybridum Indigo, True Blue. 5 ft. $\frac{1}{4}$ oz., 80c .35 2.80

Nudicaule. X Brilliant scarlet with peach-red interior, 30 in. $\frac{1}{4}$ oz., 70c .35 2.60

Zalil or Sulphureum. Yellow, orchid-like flowers, 6 ft. $\frac{1}{4}$ oz., \$1.40 .50 5.00

Suggestions For Sowing Seeds During the Summer Months

During the hot months of July and August fine seeds such as Calceolaria, Cineraria, Snapdragon, and finer perennial seeds, etc. should be sown in flats (as usual) and the flats placed in a cool basement until the seedlings sprout, when taken to greenhouse and some cheese cloth placed over them until the seedlings are of sufficient strength to have it removed.

DIANTHUS DELIGHT. Trade pkt., 25c., $\frac{1}{4}$ oz., 60c.

Seeds of Biennials and Hardy Perennials

Cyclamen \times Europaeum.		The well known red flower- ing Alpine violet. 4 in. 100 seeds, 45c;		Tr. pkt. Oz.
1000 seeds	\$3.50			
Neapolitanum. Calyx small; corolla pink or rarely white, the segments short and twisted and the edges raised and white-edged at the base.				
100 seeds, 50c; 1000 seeds, \$4.00				
Cynoglossum Nervosum. Large blue flowers. $\frac{1}{8}$ oz., 90c \$0.35				
Daisy, Shasta, Alaska. Best white, American-grown, 40 in.	$\frac{1}{4}$ oz., 30c	.15	\$1.00	
Diener's Giant Double Shasta. Flowers five inches across resemble giant asters, on long wiry stems. Blooms over a period of several months. $\frac{1}{8}$ oz., \$1.80	.50	10.00		
Diener's New Giant Double Ever-Flowering Shasta Daisy G. Marconi. The largest Shasta Daisy to- day, the flowers are around seven inches in diam- eter and stems $2\frac{1}{2}$ to 3 feet long. Originator's seed.	.50	....	
Diener's Fancy Chiffon Shasta Daisy Glendale. The flowers are 2 inches across, have fringed and lacin- iated petals, interlaced, which are borne on strong stems. Seed from originator. . . . .	.35	....	
Westralia. Very large and early. White. 40 in. $\frac{1}{4}$ oz., 35c	.15	1.00		
White Lady. Earlier than Giant Double but not as large, produces quite a number of flowers the first year if sown early. The percentage of doubles is about 50%.	$\frac{1}{4}$ oz., 85c	.35	3.00	
Daisy. See Bellis, Agathea, Chrysanthemum Maximum and Pyrethrum.				

DIANTHUS BARBATUS—Sweet William

Double Blood-red (Atrosanguineus pl.) 20 in. . . . .	.15	.80		
Roseus. Pink.	$\frac{1}{4}$ oz., .25	1.60		
Nigrescens. Almost black.	$\frac{1}{4}$ oz., 40c	.20	1.20	
Salmon-Rose.	$\frac{1}{4}$ oz., 85c	.35	3.00	
White	$\frac{1}{4}$ oz., 45c	.25	1.40	
Mammoth Flowered, Mixed.	$\frac{1}{4}$ oz., 60c	.35	2.00	
Dwarf Midget Mixed.	$\frac{1}{4}$ oz., 50c	.25	1.80	
Single Blood-red (Atrosanguineus) . . . . .	.15	.60		
Copper-Red . . . . .	.15	.60		
Diadematus. Crimson with white eye . . . . .	.15	.50		
Garnet Red with a white eye . . . . .	.15	.80		
Giant Auricula Eyed. White ground	$\frac{1}{4}$ oz., 40c	.20	1.20	
Giant White. A very large variety	$\frac{1}{4}$ oz., 40c	.20	1.20	
Homeland. A most unusual color, dark red with large, sharply defined clear white center. New. . . . .	.75	....	
Nigrescens. Very dark, almost black. . . . .	.15	.50		

SWEET WILLIAM Single "Midget" MIXED
COLORS

The habit of this Sweet William Dwarf Alpine Mixed is of a ball type, grows from three to four inches tall. The blooms, which almost entirely cover the foliage, are quite large flowered. This little Sweet William should make a wonderful perennial border and pot plant. The color range is from white, chamois, salmon, scarlet, brick red to maroon, with most of the blooms being tri-colored.

Trade pkt., 35c; $\frac{1}{4}$ oz., 90c; oz., \$3.00.

DIANTHUS BARBATUS SINGLE—Continued.

	Tr. pkt.	Oz.
Newport Pink (Pink Beauty). Salmon-pink.	lb., \$6.00	\$0.15
Purple Beauty. Bright deep purple.	$\frac{1}{4}$ oz., 35c	.15
Scarlet Beauty. Scarlet.	$\frac{1}{4}$ oz., 25c	.15
Turkey-Red.	$\frac{1}{4}$ oz., 25c	.15
Dwarf Midget Mixed.	$\frac{1}{4}$ oz., 90c	.35
Superb Mixture of New Colors.	$\frac{1}{4}$ oz., 40c	.15
Mammoth Flowered. Single mixed.	lb., \$5.00	.15
Vaughan's Special Mixture. Double and single of above choice varieties	$\frac{1}{4}$ oz., 60c	.35
		2.00

DIANTHUS PLUMARIUS—Clove Pinks \times

Albus Plenus. Double white.	$\frac{1}{4}$ oz., 90c	.35	3.20
Cyclops. Red Hybrids.	$\frac{1}{4}$ oz., 35c	.20	1.00
Highland Rose Queen. A free growing variety, bright crimson single flowers.	$\frac{1}{8}$ oz., \$1.25	.50	....
Highland Rose Hybrids Mixed.	$\frac{1}{4}$ oz., 90c	.35	3.20
Little Jock Hybrids. The compact plants produce a multitude of pretty fringed flowers, about an inch across, in varied tints of pink, rose and white, mostly with a deep zone, and quite 50% of them are double.	$\frac{1}{8}$ oz., \$1.20	.50	....
Scoticus fl. pl. Double-Scotch. Mixed. An extra choice strain.	$\frac{1}{16}$ oz., \$1.50	.75	....
Spring Beauty. Double giant-flowered carnation- like in form and size and with a beautiful color range. Very fragrant.	$\frac{1}{4}$ oz., 85c	.35	3.00
Double. Fine mixed.	$\frac{1}{4}$ oz., 40c	.20	1.40
Double Early-Flowering. Dwarf Mixed 10 in.	$\frac{1}{4}$ oz., 50c	.25	1.60
Semperflorens. Double and Semi-Double Mixed.	$\frac{1}{4}$ oz., 30c	.15	1.00
Vaughan's Special Mixture.	$\frac{1}{4}$ oz., 70c	.35	2.40

DIANTHUS—SORTS

Allwoodii. \times 18 in. Mixed colors. Hybrid between Carnation and Pink, very floriferous. $\frac{1}{8}$ oz., \$1.00	.35	....
Alpinus. Mixed colors. \times Many dwarf varieties, 4 to 8 in.	$\frac{1}{4}$ oz., \$1.00	.35	....
Arenarius. Sand Pink. Small white fringed. 8 in.	$\frac{1}{4}$ oz., 70c	.25	2.40
Barbatus \times Chinensis, Mixed (Annual Sweet William). Blooms from seed the first year. . . . .	.15	.60	
Caesius (Cheddar Pink). \times Dense tufts of glaucous blue foliage and large rose-colored flowers. $\frac{1}{4}$ oz., 40c	.15	1.20	
Delight. There is a bewildering range of colors, from the palest pink down to the deepest purple; the pre- dominating shades are velvety rich reds; many have the eye of a Sweet William. $\frac{1}{4}$ oz., 60c	.25	....

Seeds of Biennials and Hardy Perennials



DIANTHUS Neglectus Rose Cushion



MYOSOTIS Alpestris Blue Basket



DORONICUM

DIANTHUS—Continued.

	Trade	pkt.	Oz.	
Deltoides Albus. White with dark eye....	1/4 oz., 50c	\$0.25	\$1.80	
Brilliant (Maiden Pink). X Very bright red variety.	1/4 oz., 50c	.25	1.80	
Major Stern's Variety. Bright crimson, dark foliage.	1/4 oz., 70c	.25	2.40	
Graniticus. X Carmine. 9 in.	1/4 oz., 60c	.25	2.00	
Knappi. Clusters of clear golden yellow flowers appear above the grassy green foliage.	1/8 oz., \$1.50	.50	....
Latifolius Atrococcineus pl. A beautiful outdoor Pink, of deep crimson color, semi to full double flowers, borne on stout stem, 15 to 18 in. high....	1/4 oz., 25c	.15	.80	
Loveliness. The flowers have large laciniated petals of a most exquisite mauve pink, but the most fascinating of all is their delightful fragrance.	1/16 oz., \$1.20	.50	....
Neglectus X (Glacier Pink). Rose-pink, 3 in.	1000 seeds, \$2.40; 100 seeds, 30c	....	....
Rose Cushion. From a little cushion of grey-green foliage that is evergreen in character, hundreds of straight stems arise and in late May the flowers appear as if by magic. The color is pure pink, flowers about 3/4 in. across, plants about 3 to 4 in. tall....	1/16 oz., \$1.20	.50	....
New Blue. A new Dianthus which is proving very popular. The color is a bright lavender-blue, foliage deep green, and the flowers are in trusses about 9 inches high. Flowers in July, August, September.	100 seeds, \$1.00 net.	....	....
Sweet Wivelsfield Single mixed. Especially adapted for perennial borders and rock gardens. Excellent cut flower. 1 ft....	1/4 oz., 25c	.15	.80	
Sweet Wivelsfield Double mixed....	1/4 oz., 75c	.35	2.60	
Best rock work species mixed X....	1/4 oz., 60c	.25	2.00	
Vaginatus. Fine rock plant, cardinal flowers.	35	....	....
Winteri. A new Pink of striking beauty. Single, bold form, delightful pure colors, fragrant, blooms from seed first year. Compact habit, 9 in., 1/8 oz., \$1.40	.50	....	....

Dicentra	Eximia (Plumy Bleeding Heart). Dwarf. 12 in.	1/4 oz., 90c	.50	3.00
Dictamnus	Fraxinella (Gas Plant). Pink flowers with dark veins, 30 in.	1/4 oz., 45c	.25	1.40
Fraxinella	Albus. White, 30 in.	1/4 oz., 45c	.25	1.50
Mixed....	1/4 oz., 40c	.20	1.20	

Dielytra	Spectabilis (Bleeding Heart)....	1/8 oz., \$1.60	.50	10.00
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DIGITALIS (Foxglove)

Canariensis. Canary-yellow. 3 ft.	1/8 oz., \$1.00	.50
Hybrida Lutzii. Salmon hybrids. 4 ft.	1/4 oz., 40c	.25

Rock plants are followed by X, and the heights given are of the plants when in bloom.

DIGITALIS—Continued.

	Trade	pkt.	Oz.	
Gloxiniaflora. Mixed, spotted flowers, 4 ft....	\$0.15	....	\$0.50	
Alba. White....	.15	....	.50	
Purple....	.15	....	.50	
Rose....	.15	....	.50	
Isabellina. A good yellow....	1/4 oz., 25c	.15	.80	
Shirley Hybrids. Mixed. Enormous flowers, rich mixture, 6 to 7 ft....	15	....	.60	
Grandiflora. Chrome-yellow (Ambigua), 36 in....	.20	....	.80	
Maculata Iveryana. Spotted varieties, 4 ft....	.15	....	.60	
Purpurea Monstrosa. Mixed, 3 ft. Long spikes surrounded by one enormous flower....	.15	....	.60	
Vaughan's Special Mixture....	.15	....	.80	

Doronicum Caucasicum. Yellow, early. 2 ft....

Seed germinates slowly....	1/16 oz., \$1.00	.50	....
Pardalianches Bunch of Gold. Long stemmed canary-yellow....	.50	....	....
Plantagineum Excelsum. Deep chrome yellow, large flowered....	100 seeds, \$3.00	....	....
Echinacea Purpurea Hybrida (Coneflower). Mixed. Superb varieties....	1/4 oz., 50c	.25	1.80

FORGET-ME-NOT X (Myosotis)

Alpestris Blue Basket. Best, deepest blue....	1/4 oz., 60c	.25	2.00
Blue Eyes. Bright blue with white eye, large, early....	1/4 oz., 70c	.25	2.40
Indigo Blue (Royal Blue). 12 in....	1/4 oz., 40c	.15	1.40
Blue Compacta. Deep blue....	1/4 oz., 55c	.25	1.80
Rosea. 12 in....	.20	....	1.00
Stricta. Blue Bouquet. A compact, upright grower of the pillar or column type, completely smothered with flowers of bright blue. 1 ft....	1/4 oz., 55c	.25	1.80
Pink Bouquet. Pink. 1 ft....	1/4 oz., 60c	.25	2.00
Indigo Blue Bouquet. Dark blue. 1 ft.	1/4 oz., 70c	.25	2.20
White Bouquet....	.25	....	....
Bouquet mixed....	1/4 oz., 60c	.25	....
Victoria. Dwarf globular strain. 8 in.:			
Sky-blue. Excellent variety....	1/4 oz., 60c	.25	2.00
Indigo Blue. Fine dark blue....	1/4 oz., 60c	.25	2.00
Rosea. Pink....	1/4 oz., 70c	.25	2.40
White....	1/4 oz., 75c	.25	....
Dissitiflora. Rich blue, early and compact....	1/4 oz., \$1.35	.35	....
Oblongata Perfecta. Early and late flowering. 1/4 oz., 50c	.25	1.40	
Palustris. The true Swamp Forget-Me-Not. Azure blue flowers, creeping habit....	1/4 oz., 50c	.15	1.60
Semperflorens. Dwarf, blue, in flower from early spring until autumn, 1 ft....	1/4 oz., 55c	.25	1.80
Vaughan's Early Blue Bird. An extra early flowering strain of Blue Bird type and color. Should be used exclusively for cutting and valuable for pots or bedding....	1/4 oz., 85c	.35	2.85



GAILLARDIA Grandiflora Maxima Aurea

Seeds of Biennials and Hardy Perennials

	Trade	pkt.	Oz.
FORGET-ME-NOT—Continued.			
Hybrida Ruth Fisher. Neat and compact habit, and the lovely blue flowers shoot up strongly over the glossy dark green foliage, 10 in.	1/6 oz.	\$1.00	\$0.50
Star of Love. Dwarf blue, 8 in.		50	....
Compacta Annemarie. Large dark blue flowers, compact habit, most beautiful forcing variety. 6 inches high.	(500 seeds)	50	....
Echinops (Globe Thistle) Ritro. Blue, 5 ft.	10	0.40	
Edelweiss. X Large-flowered, 6 in.	1/8 oz.	\$1.00	35
Eremurus Robustus, Pink, 7 ft.	100 seeds, 30c; 1000 seeds, \$2.20		
Himalaicus White. 100 seeds, 30c; 1000 seeds, 2.00			
Mixed.	1/4 oz., 85c	35	3.00
Erigeron Speciosus Hyb. Grandiflorus. Rosy lilac, 30 in.	1/4 oz., 50c	25	1.80
Speciosus Hybrida Semi-plenus, semi-double lavender, varies 1 1/3 ft.	1/4 oz., \$1.20	35	4.00
Double Beauty. Ideal subject for herbaceous border and attractive violet blue cut flowers, 2 1/2 ft.	50	....
Coulteri, White, for cutting; blooms early. 1/4 oz., 80c	25	2.80	
Grandiflorus Elatior. Rosy, 24 in.	35	....
Erinus X Alpinus. Purple, for borders, 6 in.	50	....
Eryngium Amethystinum. Amethyst-blue, 3 ft.	1/4 oz., 50c	25	1.60
Bourgatii. The leaves deeply cut have light veins which are very attractive. The stems, flower-heads and radiant pointed petals are steel-blue.	50	....
Planum. Cornflower blue, globular heads, 4 ft.	15	.60	
Eupatorium Fraseri. White, for cutting, 2 ft.	15	.80	
Euphorbia Corollata (Wild Baby's Breath). Resemble Gypsophila but the flowers are larger and more pronouncedly white. Will stand any amount of drought. Pure white flowers, 2 ft. 1/8 oz., 70c.	35	4.00	
Myrsinites. Grey trailer heads of yellow flowers. 3 in.	1/4 oz., 90c	35	3.00
Polychroma. The flowers are bright yellow changing to a rosy bronze. 15 to 18 in.	1/4 oz., \$1.65	50	6.00
Francoa Ramosa Hybrida. Bridalwreath. Pure white elegant flowers. 2 1/2 ft.	....	....

GAILLARDIA Grandiflora

Bremen. Coppery scarlet with yellow tips. 1/4 oz., 45c	.25	1.40	
Burgundy. Self colored wine-red, 2 1/2 in. in diameter, on long stiff stems, from June until fall. Comes 60% to 70% true, 30 in.	1/4 oz., 50c	.25	1.80
Chloe. Large flowering Indian yellow. 1/4 oz., 70c	.35	2.40	
Dazzler. Large flowers, bright golden yellow with rich maroon-red center. 3 ft.	1/4 oz., 40c	.25	1.40
Goblin. Very compact globular plants, red and yellow bicolor.	1/4 oz., 90c	.35	....

GAILLARDIA Grandiflora—Continued.

	Trade	pkt.	Oz.
Maxima Aurea. Very large golden yellow flowers with large red eye.	1/4 oz., 40c	\$0.25	\$1.35
Portola Hybrids. The flowers are very large, the petals being very broad and overlapping, of great substance, and spread out flat. Color a brilliant scarlet with copper hue. Petals heavily tipped with golden yellow. 2 1/2 to 3 ft.	.25	1.40	
Tangerine. Vivid tangerine orange.	1/4 oz., 50c	.25	1.60
The King Regalis. Deep red, edged gold, large flowers 1/4 oz., 55c	.25	1.80	
Torchlight. Bright golden yellow, rich maroon center. 2 ft.	1/4 oz., 60c	.25	2.00
Gas Plant, see Dictamnus.			

Grasses, Ornamental

Erianthus Ravennae. Plume Grass. 6 to 8 ft.	.10	.40	
Festuca Glauca. True blue grass with dense glaucous tufts. Blue stemmed grass.	1/4 oz., 30c	.15	1.00
Gymnothrix Latifolia (Pennisetum Latifolium). 36 in.	.10	.50	
Gynnerium Argenteum. Pampas Grass.	.10	.40	
Stipa Pennata. Feather Grass. 2 ft.	1/4 oz., 60c	.25	2.00
Uniola Latifolia. Spike Grass. 3 ft.	.15	.50	

Garden Heliotrope, see Valeriana.

Gerbera Jamesoni. New Flowerland strain. A popular greenhouse forcing perennial plant, fine for cutting. New seed is always available, as it is harvested at intervals during the year.

..... 100 seeds, 40c; 1000 seeds, \$3.00	....	....
Gentiana Acaulis. Gentian-blue, beautiful for edging, 5 in.	1/4 oz., 60c	.25	....
Lutea. Yellow. Tall robust species, 40 in.	.....	.25	....
Geum Coccineum Atrosanguineum Pl. X Semi-double, orange-red, 2 ft.	1/4 oz., 50c	.25	1.80
Boresi (True). Orange-scarlet, continuous bloomer	1/4 oz., \$1.20	.50	4.00
Lady Stratheden X (Golden Ball). The blooms are large double golden yellow. 2 ft.	1/4 oz., 50c	.25	1.60
Mrs. Bradshaw. X Large double glowing red. 2 ft.	1/4 oz., 50c	.25	1.60
Orange Queen. Large double orange-scarlet. 2 ft.	1/4 oz., 80c	.35	2.80
Mixed.	1/4 oz., 60c	.25	2.00
Gilia Coronopifolia (Ipomopsis Elegans Mixed). 3 1/2 ft. (Standing Cypress.) The flowers are 1 1/2 inches long, trumpet shape, borne along the side of the stem, mixed colors. A biennial.	1/4 oz., 40c	.25	1.40
Coronopifolia Red.	1/8 oz., 50c	.25	....
Globularia Trichosantha (Globe Daisy). Dwarf growing with small globe-shaped flowers of dark blue. 12 in.	1/4 oz., \$1.00	.35	....
Golden Rod, see Solidago Canadensis.			
Gypsophila Acutifolia. Pretty, useful species. Lilac pink, 4 ft.	....	.15	.80
Oldhamiana. Great tangles of airy, misty blossoming in pinks. Beginning with September, then all of October, this Gypsophila is in full bloom. The florets are starry, but packed more closely in the cluster than is usual. The foliage is silvery overcast. Like the other Gypsophilas this latest in season of the series makes a splendid cut flower.	1/4 oz., 45c	.25	1.40
Pacifica. Starry pink blossoms on branching panicles. Good cut flower. Sept. and Oct. 4 ft. 1/4 oz., 70c	.25	2.40	
Paniculata. White. Small single white flowers in great profusion, useful for cutting, 40 in. lb., \$2.80	.10	.30	
Snow-White Double. Absolutely pure white strain of this popular plant, 2 ft.	1/4 oz., \$1.20	.50	4.00
Repens X White flowers, trailer, good border or rock plant, 6 in.	1/4 oz., 40c	.25	1.40
Rosea. Pink.	1/4 oz., 50c	.25	1.80
Helenium Autumnale Superbum. Yellow. 1/4 oz., 95c	.35	3.20	
Autumnale Hybr. Nanum Praecox. Remarkable dwarf, early hybrids in yellow, bronze, crimson and brown shades.	....	.35	....
Bigelowi. Yellow dark disc, for cutting, 20 in.	1/4 oz., 70c	.25	2.40
Hoopesi. Yellow. Early flowering, 30 in.	....	.15	.80
Riverton Beauty. Lemon-yellow with large purplish black cone, 4 ft.	1/8 oz., \$1.40	.50	....
Riverton Gem. Flowers open as old gold and terra-cotta changing to wallflower red, a beautiful variety, 3 1/2 ft.	1/4 oz., \$1.00	.35	3.60

Rock Plants are followed by X, and the heights given are of the plants when in bloom.



GYPSOPHILA Oldhamiana

Seeds of Biennials and Hardy Perennials

Helianthemum	×	Mutabile.	Mixed Colors. (Rock Rose.)	Trade	pkt.	Oz.
			Low-growing evergreen plants forming large clumps, completely covered with bloom during July and August. 8 to 12 in.		\$0.15	\$0.80
Helianthus	(Sunflower).	Harvest Moon (Laetiflorus).	Flowers semi-double with three rows of petals, long and incurved, on stiff stems and of a rich yellow color.	1/4 oz.	60c	.25
Maximilianus.	Early-flowering, yellow, 3 ft.			1/4 oz.	50c	.25
Perennial Varieties. Mixed.				1/4 oz.	70c	.25
Heliopsis	Laevis Pitcheriana.	Golden yellow, 4 ft.		.15	.60	
Laevis Soleil d'Or.	Golden yellow, 5 ft.			.20	1.20	
Lemoine's Giant.	A very brilliant border plant resembling a double sunflower; flowers are double and semi-double golden yellow. A perennial that blooms from seed the first year.			1/4 oz.	50c	.25
Scabra Zinniaeflora.	Large deep yellow flowers, very showy, free and continuous bloomer, 3 ft.	1/4 oz.	50c	.25	1.80	
Helleborus	Niger. Christmas Rose.	White tinged rose, fine for winter. Seed germinates very slowly.	15 in.			
Hesperis	Matronalis (Sweet Rocket).	Lilac, 40 in.		.15	.80	
	Matronalis Alba.	White, 40 in.	lb., \$2.00	.10	.20	
Heuchera	× Sanguinea.	Bright rich crimson, blooms from early summer until fall. Excellent for cutting.				
30 in.		1/4 oz.	\$1.20	.50	4.00	
Sanguinea Splendens.	Bright vermillion.	1/4 oz.	1.35	.50	4.40	
Hybrida Grandiflora.	Mixed, 30 in.	1/4 oz.	1.20	.35		
Brizoides.	Bright rose, 30 in.	1/8 oz.	1.00	.50		
Hibiscus	Giant Yellow Sunset or Golden Bowl.	Needs protection, 2 ft.		.15	.60	
Crimson Eye.	White with red eye, 4 ft.			.15	.60	
Mallow Marvels.	Mixed, 4 ft.	lb., \$4.00	.10	.40		
Jumbo Red.		1/4 oz.	.35	.20	1.00	
Rose.		lb., 6.00	.15	.60		
Hieracium	× Villosum.	Yellow, silvery leaves, 12 in.		.35		
Hollyhocks.	Double.					
Appleblossom.		1/4 oz.	40c	.25	1.20	
Blood-Red (Crimson).		lb., \$12.00; 1/4 oz.	40c	.25	1.20	
Chamois.	Colorado Sunset or Queen of Sheba.	Salmon-rose.		.25	1.20	
Lilac Beauty.		1/4 oz.	40c	.25	1.20	
Maroon.		1/4 oz.	40c	.25	1.20	
Deep Rose.		lb., \$12.00	1/4 oz.	.25	1.20	
Newport Pink.		lb., \$12.00	1/4 oz.	.25	1.20	
Orange Prince.	Waxy buff yellow with wine-red suffused over lower petals.	1/4 oz.	60c	.35	1.80	
Scarlet.		1/4 oz.	40c	.25	1.20	
Scarlet Beauty.	Will bloom from seed the first year.			.35	1.80	
White.		lb., \$12.00	1/4 oz.	.25	1.20	
Yellow.		lb., 12.00	1/4 oz.	.25	1.20	

Rock Plants are followed by **X**, and the heights given are of the plants when in bloom.

HOLLYHOCKS DOUBLE—Continued.

		Trade	pkt.	Oz.
Chater's Prize.	Double Mixed.	lb., \$9.00	\$0.25	\$1.00
Imperator, Improved ("Begonia Flowered" Crested Mixed).	New formation, collar of frilled and fringed edges.	1/4 oz., 50c	.25	1.60
Begonia Flowered.	Pastel shades.	1/4 oz., 60c	.25	1.80
Souvenir Mixture.	Semi-double, good placement in wonderful color range.	1/4 oz., 65c	.25	2.00
Triumph.	Double waved and fringed flowers in delicate art shades.	1/4 oz., 50c	.25	1.60
Vaughan's Special Mixture	includes all Doubles, Imperator, Triumph and Allegheny.	1/4 oz., 50c	.25	1.80
Single				
Maroon (Black).		1/4 oz., 25c	.15	.80
Pink.		1/4 oz., 30c	.15	1.00
Red.		1/4 oz., 50c	.25	1.60
Rose.		1/4 oz., 30c	.15	1.00
Salmon (Chamois).		1/4 oz., 30c	.15	1.00
White.		1/4 oz., 50c	.25	1.60
Yellow.		1/4 oz., 50c	.25	1.60
Single mixed.		lb., \$4.00	.10	.50
Allegheny.	Mammoth-flowering, mixed.		.15	.40
Pink Rosette.	Large bright pink flowers with rosette center and a wide row of guard petals	1/4 oz., 50c	.25	1.80
Everblooming Double Hybrids.	Mixed. If sown early will bloom first year.		.15	.60
Indian Spring.	A novelty of exceptional merit. It produces flowers of varying attractive bright rose and rosy carmine shades. Double and semi-double. Blooms from seed first year.	1/4 oz., 50c	.25	1.80
Hyacinthus Candicans.	White yucca-like flowers. Very decorative, 4 ft.		.15	.60
Incarvillea Delavayi.	Large Gloxinia-like flowers, rosy purple, very handsome, 24 in.	1/4 oz., \$1.20	.35	4.00
Grandiflora.	Flowers brilliant rose, dwarf habit, 2 ft.			
Brevipes.	Large brilliant crimson rose flowers. 2 ft.	1/8 oz., \$1.00	.50	...
Hybrida Bee's Pink.	Soft pink, large trumpet-shaped flowers. 18 in.	1/16 oz., \$1.00	.50	...
Inula	× Ensifolia. Dwarf, golden, 12 in.	1/8 oz., 60c	.25	...
Glandulosa Grandiflora.	Orange. 2 ft.		.35	...
Royleana.	Large golden yellow ray florets. 2 ft.		.25	...
Iris	Dichotoma, August or Vesper Iris. Fragrant flowers on tall branching sprays. In bloom from July to early September. Variable in color, cream to violet purple with markings of buff, orange, copper, brown, mahogany, and rose. Seed sown in early spring while soil is cool. Usually a fair proportion will bloom the first summer.	1/4 oz., 65c	.35	2.00
Kaempferi.	Japanese Iris. Most seedlings bloom the second year. 18 in.	lb., \$6.00	.15	.60
Siberian Mixed.	36 in.		.10	.30
Isatis	Glaucia. Foliage silvery grey-green. Clouds of fine yellow flowers in July. 2 ft.		.15	.60
Kenilworth Ivy	× Linaria Cymbalaria. Pretty trailing variety. Pink.	1/4 oz., 40c	.25	1.40
Kudzu Vine.	Pueraria Thunbergiana. Fragrant.			
Lathyrus	Latifolius (Everlasting Pea). Mixed.	lb., 3.20	.10	.30
Latifolius	Pink Beauty, very fine, 6 ft.	lb., 4.00	.15	.40
Red.	Magenta, 7 ft.	lb., 4.00	.15	.40
White Pearl.	Splendid sprays of bloom, 5 ft.	lb., 5.00	.15	.50
Lavendula	Vera. True Sweet Lavender.	1/4 lb., 1.50	.15	.50
Vera, Rose, White and Blue Mixed.			.35	...
Munstead Strain.	A most valuable variety producing large sweet-scented flowers in abundance. It flowers a month earlier than the common Lavender; height not exceeding 1 foot.	1/4 oz., 70c	.25	...
Lepachys	Maroon and Gold. Extraordinary plant, decidedly attractive, the flower-heads are little silky columns set successively with tiny blossoms and guarded at the base by wide petal-rays of richest maroon, gold-edged.		.35	...
Liatris	Spicata (Blazing Star). Purple rose, 20 in.			
Pycnostachya.	Long spike of brilliant rose-purple flowers. Aug. to Oct., 4 ft.	1/4 oz., 60c	.25	2.00
Scariosa.	Violet-purple, 4 ft.	1/4 oz., 80c	.35	2.80
Alba.	Its stout spikes of pure white blossoms are excellent for cut flower purposes, 3 ft.	1/4 oz., \$1.75	.50	6.00
Hybrids.	Flowers range through various shades of white and violet.	1/8 oz., \$1.25	.50	...
Autumn Spire.	See Novelty Pages.			

Seeds of Biennials and Hardy Perennials

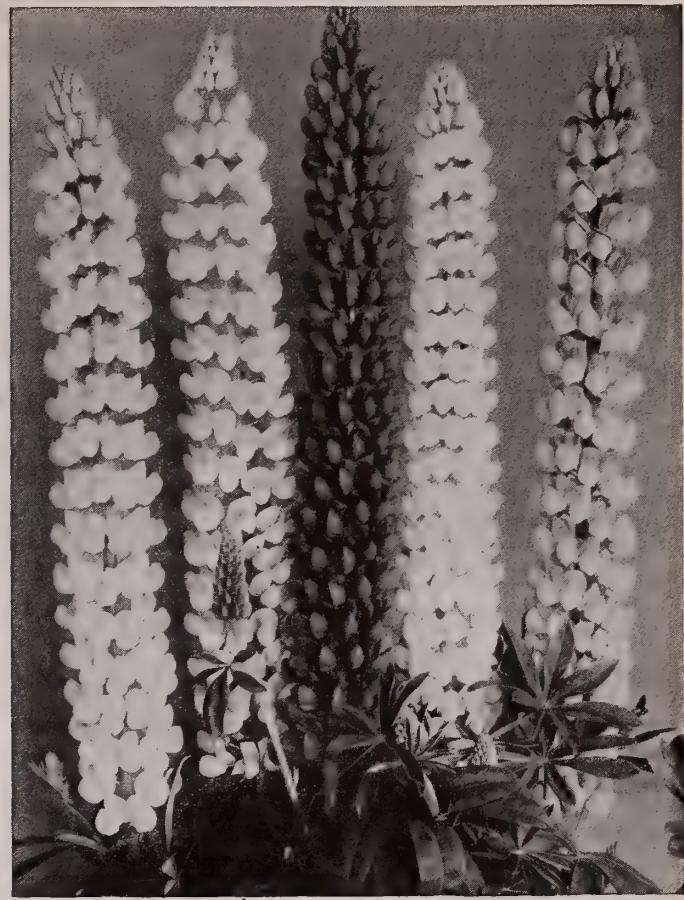
Lilies

Auratum Platypodium. Larger than the type; more heavily marked.	1/4 oz., 50c	Trade pkt. Oz.	\$0.25	\$1.80
<u>Backhouse Hybrids.</u> Free flowering. Many unusual shades. 100 seeds, 85c; 1000 seeds, \$6.00	...	...	...	...
★ <u>Candidum "Saloniki."</u> Well known white Madonna Lily, pure white flowers, dark stem, immune to disease.	1/4 oz., \$1.40	.50	5.00	
<u>Cernuum.</u> Lilac nodding flowers, grass-like foliage.	1/4 oz., 50c	.25	...	
<u>Concolor.</u> Erect fiery scarlet with dark red spots.	1/4 oz., 50c	.25	...	
Henryi. Rich deep orange-yellow. 4 ft.	1/4 oz., 60c	.25	2.00	
Martagon. Turk's Cap Lily	1/4 oz., 60c	.25	2.00	
<u>Formosanum.</u> Improved pure white. This selected strain produces 80% pure white flowers	1/4 oz., 50c	.25	1.80	
<u>Formosanum Giant Pure White</u>	1/4 oz., 75c	.35	2.50	
<u>Longiflorum Praecox</u> (White Queen). Produces blooms of the well known Erabu type within twelve months from sowing. Long trumpet flowers of clear white. 1/2 trade pkt., 60c; 1/8 oz., \$1.75	1.00	12.00		
Regale, Regal Lily. Pink outside, interior primrose-yellow, 3 to 5 ft.	1/4 oz., \$4.80	.15	.50	
<u>Speciosum Rubrum.</u>	1/4 oz., 50c	.25	1.80	
<u>Tenuifolium</u> (Siberian Coral Lily). Flowers glowing glossy scarlet up and down the stem. 20 in.	1/4 oz., \$6.00	.15	.60	
<u>Golden Gleam.</u> 24 in. Blooms are deep orange and have recurved petals of waxy texture.	1/4 oz., 95c	.35	3.40	
<u>Washingtonianum</u> (Mt. Hood Lily). Pure white, slightly tinted and dotted purple inside.	1/4 oz., \$1.40	.50	5.00	
<u>Willmottiae.</u> Flowers vivid orange-red with recurved petals, spotted with brown slender foliage. 4 ft.	1/4 oz., \$1.35	.50	4.80	
Mixed. Many varieties.	1/4 oz., 50c	.25	1.80	

Culture on Lilies from seed sent free with order.

<u>Linaria.</u> X <u>Cymbalaria</u> , Pink, 3 in.	1/4 oz., 40c	.25	1.40	
<u>Alpina.</u> X Purple blotched orange, 4 in.	1/4 oz., 40c	.50	...	
<u>Canon Want.</u> Pale pink. Blooms first year if sown early. 2 1/2 ft.	1/4 oz., \$1.10	.35	3.80	
<u>Macedonica Speciosa.</u> Nymph. Creamy white. 36 in.	1/4 oz., 50c	.25	...	
<u>Linum Perenne</u> (Perennial Flax). Very pretty pale blue flowers. 30 in.	1/4 oz., \$3.00	.10	.30	
Perenne Fl. Album. Neat white flowers. 30 in.	1/4 oz., \$3.00	.10	.40	
Mixed.	1/4 oz., \$3.00	.10	.40	
<u>Alpinum</u> X Pale blue. Prostrate habit.	1/4 oz., 50c	...	...
Flavum. Yellow. 1 ft.	1/4 oz., 50c	.25	1.80	
Compactum Nanum X Glowing golden yellow, dark green foliage. Everbloomer, 6 in.	1/8 oz., \$1.00	.35	...	
<u>Narbonense.</u> Fine blue, flowers large, graceful habit. 30 in.	1/4 oz., 50c	.25	1.80	
<u>Lobelia Cardinalis</u> (Cardinal Flower). 36 in. 1/4 oz., 85c	1/4 oz., 85c	.25	3.00	
<u>Syphilitica.</u> Large blue flowers. 24 in.	1/4 oz., 85c	.25	...	
<u>Lunaria Biennis.</u> Lilac purple flowers, silvery pod.	1/4 oz., \$4.00	.15	.40	
Biennis Alba. White flowered variety.	1/4 oz., 5.00	.15	.50	
Munstead Purple Giant.	1/4 oz., 5.00	.15	.80	
<u>Lupinus Polyphyllus.</u>				
<u>Albus.</u> Large, pure white spikes. 2 to 3 ft.	1/4 oz., 3.20	.10	.30	
<u>Atro-violaceus.</u> Large dark blue.	1/4 oz., 25c	.15	.80	
<u>Coelestinus.</u> Varies light to dark blue.	1/4 oz., 35c	.15	1.00	
<u>Carmineus.</u> Carmine shades.	1/4 oz., 25c	.15	.80	
<u>Chocolate Soldier.</u> Terra-cotta shades.	1/4 oz., 90c	.35	3.00	
C. M. Prichard. Pale salmon-orange with yellow.	1/4 oz., 90c	.30	3.20	
Lavender Queen. Lavender tinted pink. 3 ft.	1/4 oz., 25c	.15	.90	
<u>Luteus.</u> A strain of varying yellow shades.	1/4 oz., 25c	.15	.80	
Princess Juliana. Rich pink, 3 ft.	1/4 oz., 25c	.15	.60	
Roseus. Very pretty rose shades.	1/4 oz., \$5.00	.15	.50	
<u>Salmoneus.</u> Delicate salmon shades.	1/4 oz., 40c	.25	1.20	
<u>Six Hills Scented.</u> Flowers are sweetly scented and have a great range of color.	1/4 oz., \$5.00	.15	.50	
<u>Sunshine</u> (Arboreus Type). Golden yellow, 30 in.	1/4 oz., \$5.00	.15	.60	
Harkness' Regal Mixture. A mixture of charming new colors, in which rose, buff, flesh and salmon shades predominate.	1/4 oz., \$5.00	.15	.50	

Rock plants are followed by X, and the heights given are of the plants when in bloom.



LUPINUS POLYPHYLLUS RUSSELL

Russell Lupinus

A MARVELOUS SELECTION OF PERENNIAL LUPINS

Most unusual colors and color combinations; some flowers are self colors and many bicolors, the standard being of one color and the keel of another. Lovely blue and yellow, cream and purple, yellow and orange and many other unique arrangements. The flowerettes are much larger than the other Polyphyllus varieties. The spikes are crowded with blossoms and resemble a closely set well rounded column of Sweet Peas. Useful as a cut flower.

Grown from originator stock seed. Trade pkt., 30c; 1/4 oz., 65c; oz., \$2.00.

Reselected seeds, originator's Green Seal packets: 20 seeds, 37c; 65 seeds, 90c, Net.

LUPINUS—Continued.

		Trade pkt.	Oz.
<u>Downer's Hybrids.</u> Perpetual flowering new hybrids.	1/4 oz., \$5.00	\$0.15	\$0.50
<u>Vaughan's Special Mixture.</u> This is a choice mixture of the best perennial Lupins, English and other European strains being chosen to give the utmost variety.	1/4 oz., \$8.00; 1/8 oz., 25c	.15	.80
<u>Lychnis Alpina.</u> X Rose, 12 in.	1/8 oz., \$1.00	.35	...
<u>Arkwrightii.</u> Large flowers in brilliant colors, varying from orange-scarlet to soft salmon-pink. May. 2 to 3 ft.	1/4 oz., 40c	.25	1.40
<u>Chalcedonica Salmon Queen.</u> Beautiful salmon shade. 3 ft.	1/4 oz., 40c	.15	1.20
<u>Chalcedonica.</u> Scarlet, 36 in.	1/4 oz., \$4.00	.15	.40
<u>Forrestii Hybrids.</u> New, showy panicles of carmine, crimson, pink and white flowers, excellent for rock garden and border, 2 ft.	1/4 oz., 50c	.25	1.80
<u>Haageana Hybrida.</u> Mixed, extra choice, 18 in.	1/4 oz., 50c	.25	1.80
Scarlet, large brilliant flowers, very fine. 18 in.	1/4 oz., 60c	.25	2.20
<u>Viscaria Splendens.</u> Early, deep rose, 16 in. 1/4 oz., 30c	.15	1.00	

Seeds of Biennials and Hardy Perennials



LILUM Formosanum Giant Pure White



LYCHNIS Forrestii Hybrids



POPPY Nudicaule The Emperor

Lythrum Roseum Superbum. Rose-purple in spikes. Tr. pkt. Oz. A good border plant. 40 in. \$0.15 \$0.80

Matricaria Double Select White (Ball's Double White). This is the one and only fully double-flowering pure white strain of Feverfew from seed. It is 98% true to this description. 30 in. Trade pkt., 35c; $\frac{1}{8}$ oz., \$1.00; oz., \$6.00.

Matricaria Golden Ball. Striking double golden yellow. Trade pkt. Oz.

8 in. $\frac{1}{4}$ oz., 50c \$0.25 \$1.80
Snowball. Double white. 8 in. $\frac{1}{4}$ oz., 50c .25 1.80

Monarda Didyma. Scarlet. 30 in. $\frac{1}{8}$ oz., 90c .50 6.00
Hybrida. Mixed. 36 in. $\frac{1}{4}$ oz., 70c .25 2.40

Myosotis. See Forget-Me-Not, pages 40 and 41.

Nepeta Mussini. X Neat bushes of small lavender-like foliage covered with terminal spikes of lavender-blue flowers, both foliage and flowers aromatic. 1 ft. $\frac{1}{4}$ oz., 50c .25 1.80

Nervosa. Clear light blue flowers. $\frac{1}{4}$ oz., 65c .25

Souvenir d'Andre Chaudron. Bright blue. 24 in.35

Nierembergia Hippomanica (Coerulea). This little Dwarf Cup Flower starts flowering when the plants are only about two inches tall, that is, about 15 weeks after the seed is sown, and keeps on right up until fall. The lovely lavender-blueshade, heightened by a touch of yellow in the center, is most charming. Plants are compact and not over 5 or 6 inches tall. As an edging plant it is unexcelled and it makes a splendid pot plant. It is a half hardy perennial which will winter over if given some protection. $\frac{1}{6}$ oz., \$2.00 .50

Oenothera Fraseri. Deep yellow. 24 in. $\frac{1}{4}$ oz., 75c .35
Lamarkiana. Large yellow on long spikes, 2 ft.10 .25
Macrocarpa. Yellow, June-Sept. 12 in. $\frac{1}{4}$ oz., 60c .25 2.20
Youngii. Large yellow bloom. 18 in. $\frac{1}{4}$ oz., 85c .35 3.00

POPPY

Papaver (Poppy) Alpine. X Mixed. Pretty delicate dwarf species. 10 in. $\frac{1}{8}$ oz., 50c .35 3.20
Nudicaule X (Iceland). Amurensis "Yellow Wonder".

Large flowers of buttercup-yellow are freely produced on stems 25 inches long. Foliage is glaucous, covered with short hairs. $\frac{1}{4}$ oz., 60c .25 2.20

Coonara. Pink shades. 1 $\frac{1}{2}$ ft. $\frac{1}{4}$ oz., 50c .25 1.80

El Monte. Deep tangerine orange. $\frac{1}{4}$ oz., 50c .25 1.80

The Empress. Flower large, full, well formed, with broad overlapping petals, deeply fluted or wrinkled, giving the effect of doubleness. The colors range through lovely shades of salmon-rose and creamy pink. $\frac{1}{4}$ oz., 60c .25 2.00

The Emperor. Large-flowered, orange, long-stemmed. $\frac{1}{4}$ oz., 60c .25 2.00

Red Cardinal. New, nearest approach to crimson scarlet.35

POPPY—Continued.

Trade pkt. Oz.

Sanford's Giant Hybrids. The flowers are 2 $\frac{1}{2}$ to 3 inches in diameter and come in shades of orange and yellow and white with long, stiff stems. Extremely free-flowering, it lasts exceptionally well as a cut flower, 2 ft. $\frac{1}{4}$ oz., 60c \$0.25 \$2.00
Gartref New Hybrids. Selected from range of art shades, all with darker penciled edging. Excellent cut flower. Blooms the first year. $\frac{1}{4}$ oz., 60c .25 2.00
White.15 .80
Double Mixed. $\frac{1}{4}$ oz., 60c .25 2.00
Vaughan's Special Mixture of Iceland Poppies, containing every worthwhile strain of these beautiful and useful Poppies. $\frac{1}{4}$ oz., 75c .25 2.80

ORIENTAL POPPY

Orientalis (Oriental Poppy). Scarlet, 3 ft. lb., \$8.00 .15 .80
Brilliant. Brilliant fiery red, 40 in. $\frac{1}{4}$ oz., 60c .25 2.00
Beauty of Livermere. Oxblood-red. $\frac{1}{4}$ oz., 75c .25 2.60
Carneum. Light and dark salmon-pink shades. 70% true, 40 in. $\frac{1}{4}$ oz., 60c .25 2.00
Goliath. Brilliant scarlet. $\frac{1}{4}$ oz., 75c .25 2.80
Mahony. Maroon-crimson. 40 in. $\frac{1}{4}$ oz., \$1.00 .35 3.60
Mrs. Perry. Salmon-rose. $\frac{1}{8}$ oz., 1.20 .35
Olympia. Very attractive flowers, light scarlet with salmon shading. About 40% will be double flowering.50
Perry's White. White flowers with a tinge of blush.50
Princess Victoria Louise. Flowers rather small, resembling a large tulip; perfect form; light orange-salmon. 40 in. $\frac{1}{4}$ oz., 70c .25 2.40
The Feltham. Shades of scarlet, orange and apricot without the dark blotch at base of flower, 2 ft.50
New Oriental Hybrids. From a collection of new named sorts. $\frac{1}{4}$ oz., 60c .25 2.00
Vaughan's Special Mixture. $\frac{1}{4}$ oz., 75c .25 2.80
The named varieties of Oriental Poppies do not come entirely true from seed.

Pentstemon. Digitalis. White tinted violet, 36 in. $\frac{1}{4}$ oz., 50c .25 1.80
Heterophyllus. Blue Gem. X Flowers bright gentian-blue shaded with light violet. June to August, 14-18 in. $\frac{1}{4}$ oz., 60c .25 2.00
Glaber. Blue, 36 in. $\frac{1}{4}$ oz., 50c .25 1.80
Grandiflorus. Excellent, easily grown, long lasting cut flower. Lavender-blue. 3 ft. $\frac{1}{4}$ oz., 70c .25 2.60
Pubescens. Violet-purple, lips white, 18 in. $\frac{1}{4}$ oz., 80c .25 2.80

Phlox Decussata. Perennial varieties mixed. This special mixture comes from a superior collection of large-flowering sorts. We flowered this mixture in our nursery last summer and were greatly pleased with the size of the flowers, flower-heads and colors. Perennial Phlox do not come true from seed and can be had only in mixture. Seed germinates slowly. 2-3 ft. 4 oz., \$5.00; $\frac{1}{4}$ oz., 40c .25 1.50

Rock plants are followed by X, and the heights given are of the plants when in bloom.

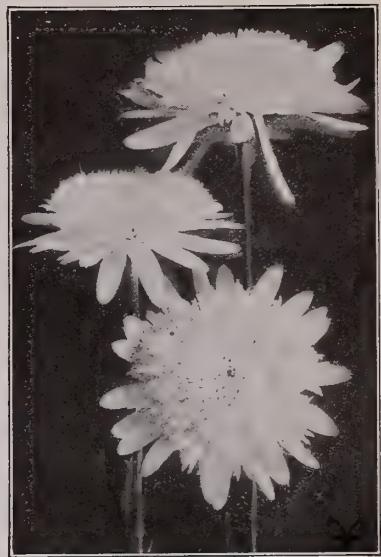
Seeds of Biennials and Hardy Perennials



PRIMULA Veris (Polyanthus)



PRIMULA Auricula



PYRETHRUM Roseum Double

	Trade	pkt.	Oz.	
Physalis Franchetti (Chinese Lantern Plant).....	\$0.15	\$0.60		
Gigantea. The attractive orange-scarlet balloon seed pods are of the same color as the well known Franchetti but are twice as large.....	$\frac{1}{8}$ oz., \$1.00	.35	....
Physostegia Virginica. Deep rose flowers in close compact spikes, 4 ft.....	$\frac{1}{4}$ oz., 40c	.25	1.40	
Virginia Alba. Fine pyramidal habit, large spikes, white flowers, 36 in.....	$\frac{1}{4}$ oz., 50c	.25	1.60	
Gigantea. Lilac rose, 4 ft.....	$\frac{1}{4}$ oz., 60c	.35	2.00	
Compacta. Dwarf, rose.....	$\frac{1}{4}$ oz., 70c	.25	....
Platycodon Grandiflorum. Blue, 28 in.....	.15	.60		
Grandiflora, Alba. White, 28 in.....	$\frac{1}{4}$ oz., 25c	.15	.80	
Mixed, 28 in.....	.15	.60		
Early-Flowering Giant White. 28 in.....	$\frac{1}{4}$ oz., 40c	.20	1.40	
Early-Flowering Giant Blue.....	$\frac{1}{4}$ oz., 40c	.20	1.40	
Praecox Gigantea. Early-flowering blue. $\frac{1}{4}$ oz., 60c	.25	2.00		
Mariesii. Dark blue, dwarf, 16 in.....	$\frac{1}{4}$ oz., 60c	.25	2.00	
Alba. White and faint blue, dwarf, 16 in. $\frac{1}{4}$ oz., 70c	.25	....	
Polemonium Coeruleum. Jacob's Ladder. Large blue, very ornamental, 30 in.....	.15	.50		
Coeruleum Album. White, 30 in.....	.15	.60		
Reptans. Flower sprays of china blue. Mounds of blossoms. A beauty, and adaptable to varied conditions, 12 in.....	$\frac{1}{4}$ oz., \$1.25	.35	4.40	
Richardsoni. Dwarf, blue, early, 20 in.....	.15	.80		
Polyanthus (See Primula Veris).				
Potentilla Formosa \times Cherry-red, 12 in.	$\frac{1}{4}$ oz., 60c	.25	....
Nepalensis \times Miss Willmott. Bright carmine rose, 12 in.....	$\frac{1}{4}$ oz., 50c	.25	....
Roxana. Brilliant salmon with darker veins, 18 in.....	$\frac{1}{8}$ oz., 50c	.25	....
Warreni. A lovely new plant for the sunny hardy border. Covered with large, pure yellow blossoms all summer. Suitable for cutting. 2 ft. $\frac{1}{4}$ oz., 70c	.25	2.40		
Double Mixed, 20 in.....	$\frac{1}{4}$ oz., 70c	.25	2.40	
Single Mixed, 26 in.....	$\frac{1}{4}$ oz., 40c	.15	1.20	
PRIMULA				
Auricula . \times Large-Flowering. Mixed, 6 in. $\frac{1}{8}$ oz., \$1.00	.50	7.00		
Giant Flowered. Mixed, 6 in.	$\frac{1}{8}$ oz., 1.50	.75	10.00	
Bullesiana Hybrida. \times Fine shades of yellow, orange, apricot and carmine. May-June. 18 in. $\frac{1}{8}$ oz., \$1.20	.50	....	
Bulleyana. Flowers yellow, bud terra-cotta.....	.50			
Cashmiriana. Lilac, early, hardy, 12 in.....	.50	....	
Cortusoides. Rose, 10 in.....	.50	....	
Florindae. Fragrant, bright yellow pendent flowers, 3 to 4 ft.....	.35			
Japonica. \times Special Strain. Mixed, 20 in. $\frac{1}{16}$ oz., \$1.00	.50			
Lissadell Hybrida Red Hugh. \times Intense fiery red flowers produced in tiers growing to two feet in height. June.....	.50	....	
Pulverulenta. \times Shining purple-carmine. May-June. As hardy as Polyanthus. 16 in.....	.35	....	
Bartley Strain. Beautiful shades of rose and pink, 3 ft.	.50	....	

Rock plants are followed by \times , and the heights given are of the plants when in bloom.

PRIMULA—Continued.

	Trade	pkt.	Oz.	
Rosea Grandiflora. \times Rose-carmine, May-June. 8 in.....	$\frac{1}{32}$ oz., \$1.00	\$0.50	....
Sikkimensis. Yellow. 15 in.....	.50	....	

PRIMULA VERIS KLEYNII

It has heavy stems, average length 8 to 12 inches, carrying immense heads of 15 to 25 florets, each floret 1" to 1 $\frac{1}{2}$ " in diameter, rich golden yellow shaded apricot towards center. Plants average 6 flower spikes each, perfectly hardy outside anywhere in the U. S. A. Plants forced in winter can be divided up and planted out in April. Those develop strong plants for the hardy border, rockery, or for forcing the following winter. Large heavy leaves.

100 seeds, 40c; 250 seeds, 85c; 1000 seeds, \$3.00.

	Trade	pkt.	Oz.	
Veris (Polyanthus). \times Coerulea. Dark blue. 1 ft.	100 seeds, 25c; 1,000 seeds, \$1.80	....	

	Trade	pkt.	Oz.	
Colossea Mixed. The large heads of flowers are borne on very long and stiff stalks quite above the foliage and have proven to be very valuable as cut flowers for early forcing. The flowers which are freely produced are extremely large, measuring more than 1 $\frac{1}{4}$ inch across. The range of colors is most remarkable, including many quite new shades of lilac, pink, copper as well as the darkest red.	100 seeds, 75c; 1,000 seeds, \$6.00	....	
Grandiflora. \times Mixed. 1 ft.	$\frac{1}{4}$ oz., \$1.25	\$0.50	\$4.00	
Excelsior strain of large-flowering varieties. $\frac{1}{4}$ oz., \$1.50	.50	5.00		
Mrs. Berkeley's Strain. Very fine new race with large flowers.	$\frac{1}{8}$ oz., \$1.40	.50	....
Gigantea Teicher's Giant Mixed.	$\frac{1}{8}$ oz., 1.00	.50	6.00	
Gold Laced. Brown flowers with yellow edge.	$\frac{1}{4}$ oz., .60	.25	2.00	
Lutea. \times Yellow, 12 in.	$\frac{1}{8}$ oz., .70	.35		
White, 12 in.	$\frac{1}{8}$ oz., .90	.35		
Red shades. Splendid mixture, 12 in.	$\frac{1}{8}$ oz., .70	.35	....
Acaulis, Mixed. 6 in.	$\frac{1}{8}$ oz., .70	.25	....
Coerulea. Blue varies.	500 seeds, \$1.00; 1000 seeds, \$1.80	....	
Vulgaris. \times True. Yellow Primrose, 6 in.	$\frac{1}{4}$ oz., 80c	.35	2.80	

	Trade	pkt.	Oz.	
Pueraria Thunbergiana (Kudzu Vine).	lb., \$3.00	.10	.30	

PYRETHRUM

	Trade	pkt.	Oz.	
Roseum. Pink, 30 in.	$\frac{1}{4}$ oz., 80c	.35	2.80	
Album. White, excellent.	$\frac{1}{4}$ oz., 70c	.25	2.40	
Atrosanguineum. Dark red shades.	$\frac{1}{4}$ oz., 90c	.35	3.00	
Carneum. Flesh.	$\frac{1}{4}$ oz., 60c	.25	2.00	
James Kelway. Deep velvet red varies.	$\frac{1}{4}$ oz., 80c	.35	2.80	
Grandiflourum Rubrum. Deep ruby red.	$\frac{1}{8}$ oz., \$1.50	.50	....
Album. White.	$\frac{1}{8}$ oz., \$1.50	.50	....
Roseum. Pink.	$\frac{1}{8}$ oz., \$1.50	.50	....
Mixed.	$\frac{1}{4}$ oz., 90c	.35	3.20	
Giant Robinson's Hybrids. Mixed.	$\frac{1}{4}$ oz., \$1.00	.50	3.60	

Seeds of Biennials and Hardy Perennials

PYRETHRUM—Continued.		Trade pkt.	Oz.	Trade pkt.	Oz.
Robinson's Dark Crimson	1/4 oz., \$1.00	\$0.50	\$3.60		
Comet-Flowered. Single and semi-double with twisted petals.	1/8 oz., \$1.50	.50			
Double Pyrethrum. Does not produce 100% double flowers—the percentage is better the second year it flowers.					
Double Atro-roseum, red.	1/8 oz., \$1.50	.50			
Blood-red.	1/16 oz., \$2.00	1.00			
Pink.	1/16 oz., \$1.00	.50			
Salmon.		.75			
Sulphureum Sulphur yellow.		1.00			
White.	1/16 oz., \$1.80	.75			
Mixed. Extra choice.	1/4 oz., \$1.30	.50	4.00		
Cinerariaefolium. Persian Insect Powder Plant. White, for cutting, 2 ft.	1/4 oz., 40c	.15	1.40		
Ptarmicaeflorum. Silvery white, feathery foliage, valuable for pots, beds, and edgings.	1/8 oz., \$1.20	.35			
Uliginosum. Giant Daisy. White; late 4 ft. 1/4 oz., 90c	.35	3.20			
Ranunculus Double Camellia Flowered. Very large flowers in most distinct and uncommon colors, double, semi-double and single. 12 in. 1/4 oz., \$1.20	.50	4.00			
Claremont Hybrid Sunset, Orange.	.75	6.00			
Bonnie Lassie, Pink.	.75	6.00			
Huntsman, Red.	.75	6.00			
Hybrids, Mixed colors.	1/4 oz., \$1.40	.50	5.00		
Rehmannia Angulata. Rose and red shades, 24 in.	1/4 oz., \$1.20	.50	4.00		
Rock Plants. Perennial Mixed.	1/4 oz., 40c	.25	1.40		
Romneya Coulteri (California Giant Poppy). Beautiful snowy white fragrant flowers. 4 ft. 1/4 oz., 60c	.35	2.00			
Rosa Polyantha Nana Multiflora fl. pl. X. The baby rose for rock gardens, blooms in 5 to 6 months, resembles Rose Rouletti, clean seed.	.50				
Rudbeckia Hirta Herbstwald (Autumn tints). Well formed, large starflowers in all the autumnal shades on long, firm stems.	1/4 oz., 50c	.25	1.60		
My Joy (Giant Black-Eyed Susan). Large orange-yellow flowers.	1/4 oz., 40c	.25	1.40		
Newmanii (Speciosa). Orange rays, black disc; a showy autumn bloomer.	1/4 oz., 45c	.25	1.40		
Purpurea (Echinacea). 4 ft.	1/4 oz., 45c	.25	1.40		
Ruellia Ciliosa. Starts to bloom in June and lasts till September. In form and coloring the flowers remind one of Petunia Heavenly Blue, with the same silvered sky-blue and lavender reflections. It likes full sun and hot dry places. Sown in very early spring, will often bloom first year.	.35				
Salvia Argentea. Large ornamental white leaves. 36 in.	.15	.60			
Aurea Grandiflora. Tall growth and long stalks. The blue flowers are large.	1/4 oz., 50c	.25	1.80		
Patens. Very large flowers, splendid blue, free bloomer.	1/4 oz., 70c	.25	2.40		
Pratensis. Dark blue. 1 1/3 ft.	1/4 oz., 50c	.35	1.80		
Turkestanica. Bracts white to lilac.	1/4 oz., 50c	.25	1.80		
Verbascifolia Syria. Tall spikes of light blue and white flowers with dark markings. 5 ft.	1/4 oz., 50c	.25	1.80		
Saponaria X Ocyoides Splendens. Rosy purple. Pretty border or rock plant.	.15	.60			
Saxifraga Aizoon. X Creamy white silver braided. 6 in.	.50				
Cordifolia X Vivid rose. A fine rock plant, 24 in.					
Decipiens Grandiflora. X Masses of white flowers; charming. 18 in.	1/8 oz., 75c	.35			
Hybrida Purple Robe. X Carmine with purple reflex, 8 in.	1/2 oz., 80c	.35			
Lingulata Leichtlini. Vivid rose, 28 in.					
100 seeds, 35c; 1000 seeds, \$2.50					
Decipiens Grandiflora. X Masses of white flowers; charming. 18 in.	1/8 oz., 75c	.35			
Megasea Mixed. Large leathery leaves with short stemmed racemes of flowers. Spring.	.75				
Perennial Species mixed.	1/16 oz., 50c	.35			
Mossy Varieties mixed.	1/16 oz., \$1.00	.50			
Scabiosa Caucasica Alba. Pure white, 40 in. 1/4 oz., 60c	.25	2.20			
Perfecta. Lavender. Improved form, flowers very large and beautiful.	1/4 oz., 60c	.25	2.20		
House's New Hybrids. Flowers very large and of beautiful form, ranging in color from light azure-blue and lavender to deep blue and silvery white.	1/4 oz., 80c	.35	2.80		
Goldingensis. Large flowers, waved petals, small center, deep lavender.	1/4 oz., 80c	.35	2.80		
Vaughan's Special Mixture. All the above Caucasica types.	1/4 oz., 80c	.35	2.80		

Rock Plants are followed by X, and the heights given are of the plants when in bloom.

SCABIOSA—Continued.

		Trade pkt. Oz.
Fischeri.	Flower is 2 1/2 inches across and is beautiful blue-purple color. Flowering growths are clothed with smaller, finely cut foliage up to the height of a foot or more, these ending in a long, naked flower stem which makes the plant a useful subject for cutting. 2 1/2 ft.	1/4 oz., 60c \$0.25
Columbaria Delicate Pink.	Orchid pink. 2 ft. 1/4 oz., 60c	.25 2.00
Delicate Lavender, 2 ft.	1/4 oz., 60c	.25 2.00
Two above are not hardy in middle western and northern states.		
Japonica.	Clear blue flowers, 30 in.	.15 .50
Scutellaria X Coelestina.	Dense bushy habit, abundance of light blue flowers.	1/8 oz., 80c .25
Sedum X Acre (Golden Moss).	A pretty subject for walls and rock gardens. Yellow. 3 in.	1/8 oz., 70c .25
Aizoon.	Yellow with brown. 5 in.	.50
Mixed.		1/4 oz., 85c .35
Sempervivum.	X Perennial species. Mixed.	.35
Senecio Clivorum	Orange Queen. Stately border plant; loves moisture. Orange flowers. July. 4 ft.	.25
Sidalcea Rose Queen.	Splendid rose flowers. 1/4 oz., 40c	.25 1.40
Rosy Gem.	Mallow rose, 18 in.	1/4 oz., 40c .25 1.40
New Hybrids.	Mixed.	1/4 oz., 50c .25 1.80
Silene Alpestris.	X Sheets of glistening white flowers from May to July. Prefers shade. 6 in.	.35
Asterias Grandiflora.	Large globular crimson-scarlet heads. 18 in.	1/4 oz., \$1.00 .35
Orientalis.	X Bright red flowers in terminal umbels. 30 in.	.15 .50
Saxifraga.	X Creamy white, tinged red, 10 in.	1/4 oz., 60c .25
Schafta.	X Rosy purple, trailing habit, July. 8 in.	1/4 oz., 50c .25 1.80
Siberica.	X Rose. 18 in.	.35
Solidago (Golden Rod).	Canadensis. 5 ft.	.35
Stachys Lanata.	Silver leaves, purple flowers, 24 in.	.15 .80
Statice Latifolia.	Small lavender-blue flowers in large panicles. 1 ft.	1/4 oz., 40c .25 1.40
Caspia.	Tender lilac color, 30 in.	1/4 oz., 60c .25 2.20
Dumosa.	Dense cushions of pure silver-grey flowers; an improved Tatarica. 30 in.	1/4 oz., 50c .25 1.60
Macrophylla Atro-coerulea.	Dark blue. 2 1/2 ft.	1/4 oz., 75c .25 2.60
Perezii.	Free-flowering lavenderspecies, 30 in.	1/4 oz., 50c .25 1.60
Tatarica (Incana).	White, best for dyeing. 18 in.	.15 .60
Stokesia Cyanea (Stoke's Aster).	Large blue flowers, dwarf habit, beautiful late bloomer.	1/4 oz., 50c .25 1.60
Cyanea Alba.	Blush white variety. 16 in.	1/4 oz., 40c .25 1.40
Sweet William. See Dianthus Barbatus.		
Teucrium (Germander) Chamaedrys.	Grey foliage, spreading habit, small rose colored flowers, 8 in.	.25
Thalictrum Aquilegifolium (Meadow Rue).	Graceful foliage, mixed colors, 40 in.	1/4 oz., 45c .25 1.40
Adiantifolium.	Flowers yellow, 18 in.	1/4 oz., 45c .25
Dipterocarpum.	Lovely mauve flowers in large panicles, most charming for cutting. 4 to 5 ft.	1/4 oz., 45c .25 1.50
Album.	White, new.	1/4 oz., 60c .25
Glaucum.	Bronze-yellow, June, 4 ft.	.15 .85
Thermopsis Caroliniana.	Yellow pea-shaped flowers in long racemes. 3 ft.	1/4 oz., 60c .25 2.00
Thymus Serpyllum.	X (Wild Thyme.) Creeping habit, hairy foliage, purple flowers, 2 in.	1/8 oz., 60c .25
Serpillum Coccineum.	Bright red.	1/8 oz., 60c .25
Tritoma Uvaria Grandiflora (Red-Hot Poker Plant or Torch Lily).	40 in.	1/4 oz., 40c .25 1.40
Hybrida Perpetual-Flowering.	Mixed. 3 ft.	1/4 oz., 50c .25 1.40
Express.	Early-flowering, yellow, bud red. 3 ft.	.20 1.20
Mirabilis.	Yellow, blooms first year. 3 ft.	1/4 oz., 50c .25 1.80
Pfitzer's Hybrids Scarlet.		1/4 oz., 60c .25 2.00
Trollius (Globe Flower) Ledebouri.	Late-flowering, large orange-yellow flowers. 2 ft.	1/4 oz., \$1.35 .50 5.00
Ledebouri Golden Queen.	Large flowers, petals golden orange, yellow anthers. 3 to 4 ft.	1/4 oz., \$1.35 .50 5.00
Europaeus.	Pale yellow. 20 in.	1/4 oz., 90c .35 3.20
Hybridus Orange Princess.	Bright orange 1/4 oz., \$1.35 .50 5.00	
Mixed.		1/4 oz., 1.00 .35 3.60
Put Trollius seed 30 seconds in boiling water before sowing.		
Tunica X Saxifraga.	Lilac-rose, May. 10 in.	.15 .80

Seeds of Biennials and Hardy Perennials

		Trade	pkt.	Oz.
Valeriana Alba white (Garden Heliotrope). 36 in....	\$0.15	\$0.60		
Rubra (Coccinea). Purple rose. 36 in.....	.15	.60		
Mixed. White and red.....	.15	.60		
Officinalis. Heads of rose-tinted white flowers. June-July; with strong heliotrope odor. 4 ft. $\frac{1}{4}$ oz., \$1.00	.35	....	
Verbascum Miss Willmott. Large yellowish white flowers. 5 ft.....	.20	1.00		
Harkness Hybrids. Immense spikes of pure yellow, tall vigorous habit, splendid variety. 7 ft.....	.15	.90		
Olympicum. Silvery foliage, golden yellow flowers. 6 ft.....	.25	2.00		
Phoeniceum Hybrids. Mixed. Graceful spikes in various shades including white, pink, salmon and violet. 2 ft.....	.15	.60		
Verbena Bonariensis. Upright growing, slender branched stems, numerous terminal umbels of rosy lavender flowers.....	.25	....	
Canadensis. Of spreading habit, with large reddish lilac trusses of flowers, produced through entire summer. Robust garden subject. When it is in bloom, one would hardly believe that it could live over the winter, as its frail spreading habit resembles that of a soft annual. However, towards the end of the season, it produces at its base a new compact growth of a woodier texture which remains throughout the severest winter weather.....	.25	....	
Veronica Amethystina. X Long racemes of bright blue flowers. 1 ft.....	.25	2.40		
Incana (Candida). Ageratum-blue, silvery foliage. 12 in.....	.35	3.00		
Longifolia (Maritima). Compact clusters of blue flowers. 30 in.....	.25	1.40		
Hendersoni Nana. Dark blue, free flowering. 12 in.....	.25	....	
Repens. X Dwarf branching, pale blue. 2 in. $\frac{1}{4}$ oz., 90c	.35	3.00		
Spicata. Various shades. 18 in.....	.25	1.60		
Rosea. Pure pink.....	.35	....	
Teucrium Prostrata. Mixed. 6 in.....	.50	....	
Royal Blue. Dwarf bushy habit, bright dark blue flowers. 1 ft.....	.25	....	
Perennial Species. Mixed.....	.25	1.80		

Viola

Cornuta. Admiration. Very large circular purple flowers. 8 in.....	.25	1.80		
Blue Beauty. Bright blue, early, free flowering...	.25	1.80		
Blue Perfection. Light blue. Large flowered. 8 in.....	.35	4.00		
Chantreyland. A perfect Viola, producing masses of purest apricot flowers.....	.25	1.80		
Golden Orange. Shade or two darker than Viola Chantreyland, uniform color, free flowering...	.25	2.40		
G. Wermig. Rich violet-blue. 8 in. $\frac{1}{4}$ oz., \$1.60	.50	6.00		
White Wermig. 8 in.....	.25	1.80		
Ilona. Wine-red.....	.25	1.80		
Jersey Gem. Compact habit, deep violet-blue. 8 in.....	.25	....	
King Henry. Flowers small but perfect in form and 100% true. A rich violet-purple with small yellow eye. Compact habit, forming a neat cushion of green and covered with flowers on short wiry stems.....	.50	....	
Lutea Splendens. Chrome yellow. 8 in. $\frac{1}{4}$ oz., 50c	.25	1.80		
Mauve Queen. Reddish violet, 8 in.....	.25	1.80		
Papilio. Blue and white, 6 in.....	.25	1.60		
Primrose Perfection. A good yellow. $\frac{1}{4}$ oz., 90c	.35	3.20		
Puck. The 2 upper petals are clear purple-violet, the 3 lower, golden yellow. 6 in.....	.25	2.20		
Rosea, 6 in. varies.....	.25	1.80		
Spring Messenger. Bright rich purple. $\frac{1}{4}$ oz., 50c	.25	1.80		
White Perfection. White. Large fld. 8 in. $\frac{1}{4}$ oz., 50c	.25	1.80		
W. H. Woodgate. Violet-purple, large, round flowers on long stems, 9 in....	.50	....	
Vaughan's Improved Scotch. Three and five blotted in splendid mixture.....	.35	2.80		
Mixed. Small Flowering Type.....	.25	2.00		
Hybrida Apricot. Beautiful rich apricot shades tinged towards center.....	.35	3.00		

Rock Plants are followed by X, and the heights given are of the plants when in bloom.



VIOLA Cornuta. In Flower All Summer.

		Trade	pkt.	Oz.
VIOLA Cornuta—Continued.				
Arkwright Ruby. Bright ruby crimson, with central markings; velvety; fragrant...	.18	90c	\$0.35	\$6.00
Black Prince. 8 in.....	.25	50c	.25	1.80
Blue Butterfly. Mid-blue shading to white. Resembles Pansy Beaconsfield.....	.25	....	.35	3.60
Primrose Dame. Sulphur yellow. 8 in. $\frac{1}{4}$ oz., 85c	.35	3.00		
Vaughan's Special Mixture. The bright shades of self colors of red, yellow, blue and apricot, combined with many shades which are blotched, undoubtedly make these Violas a supreme mixture.....	.25	85c	.35	3.00
Tufted Pansies. Finest mixture of these long and free-blooming varieties, 9 in.....	.25	50c	.25	1.80
Viola—Various Types				
Bosniaca. Free-blooming, small deep purple flowers, 4 in.....	.25	2.40		
Calcarata. A long stemmed variety of grace and beauty. Makes dense wide cushions set above with flowers early and late. A royal indigo with radiate pencilings but there will also be purple, cream or rare pink lilac.....	.50	....	
Florariense. Beautiful lavender.....	.25	....	
Gracilis Lord Nelson. Violet-purple, 6 in. $\frac{1}{4}$ oz., 90c	.35	....	
Eisenach Jewel. Small-flowered, deep violet.....	.50	....	
Johnny Jump Up. Little Pansy faces of purple, blue and yellow.....	.25	....	
Jooi. In full flower by early April, before its own leaves appear. It is then a cushion mound of pink lilac, hundreds of blossoms in a veritable color-turf of their own making. Usually reblooms in autumn. Sometimes called Jewel Violet.....	.50	....	
Nigra (Bowles Black Pansy). Interesting and attractive little pansy, pretty small black flowers.....	.50	....	
Odorata The Czar. Blue.....	.30	85c	.30	3.00
Wallflower. Double Annual "Early Wonder." This remarkable Wallflower comes into bloom within 5 months from sowing. These must be grown in 4-inch flats; they do not like too much root room. 2 ft.				
Canary-Yellow (Gold Standard). $\frac{1}{4}$ oz., 75c	.25	....	
Golden Yellow, flaked with brown.....	.25	....	
Dark Brown.....	.25	....	
Violet.....	.25	....	
Double Annual Early Wonder, Mixed.....	.25	....	
Double Tall Branching. Golden yellow. 2 ft.	.50	....	
Dark Brown.....	.50	....	
Violet.....	.50	....	
Double Tall Tree. Golden yellow. Dark brown. Violet. Each.....	.50	....	
Single Goliat. Early-flowering dark brown. 2 ft....	.15	....	
Mixed.....	.10	.30		
Parisian Forcing, mixed, 15 in.....	.15	.60		
Annual Blood-Red.....	.10	.40		
Yellow, 20 in.....	.10	.40		
Wistaria Sinensis. Blue.....	.10	.30		
Yucca Filamentosa (Adam's Needle). .....	.15	.50		

Summer Flowering Bulbs FOR WHOLESALE TRADE ONLY

ALL PRICES SUBJECT TO CHANGE WITHOUT NOTICE



DOUBLE BEGONIA



ACHIMENES

AMARYLLIS

Large Flowering Hybrids

One of the finest strains of Amaryllis we have ever seen, raised by eminent growers whose stock and hybridization for many years we have purchased in its entirety. Flowers are immense, borne as a rule four to a stem, in an amazing and beautiful range of colors, blended, splashed and striped in a manner not seen in other strains.

	Doz.	100	1000
2-2½ inch		\$2.00	\$15.00
2½-3 inch		2.75	20.00
3-3½ inch		4.50	30.00

ACHIMENES

This is closely related to the Gloxinia. Plant 6 to 7 bulbs in a 5-inch pot, or 9 to 10 in a 6-inch pot. The soil used for potting should be rich in humus and of an open, porous nature, allowing perfect drainage. A good mixture to use is equal parts of loam, leaf mold and sand. About one-third of the depth of the pots or pans should be occupied with drainage. After the young growth appears, great care should be taken to keep the soil moist, for a single severe drying will ruin the plant. Blooming time 8 to 10 weeks after planting.

	Doz.	100	1000
Purple and Light Blue		\$0.35	\$1.80

BEGONIAS

Tuberous-Rooted

Every florist should grow some of these bulbs, as they make showy plants that find ready sales in the spring and summer. Use 4-inch pots and shift later to 5 and 6-inch pots if larger plants are wanted. A compost of one part rotted cow manure to two parts loam and one part leaf mold will give good results. Water sparingly until growth is started. They like a 55-58 degree temperature at night.

Single Crispa, Separate Colors:

	Belgian Grown			American Grown		
	Doz.	100	1000	Doz.	100	1000
1½-2 inch	\$0.70	\$5.00	\$30.00	\$1.10	\$7.00	\$60.00
2 inch	1.10	7.00	50.00	1.65	11.00	105.00

Double Camellia-flowered, Separate Colors:

1½-2 inch	.70	5.00	30.00	1.10	7.00	60.00
2 inch	1.10	7.00	50.00	1.65	11.00	105.00

Carnation-flowered or Frilled, Separate Colors:

1½-2 inch	.70	5.00	30.00	1.10	7.00	60.00
2 inch	1.10	7.00	50.00	1.65	11.00	105.00

Narcissus-flowered

Pendula or Hanging Basket Type	1.25	8.00	75.00
	1.25	8.00	75.00

CALADIUM ESCULENTUM

(Elephant's Ear)

Sizes	Doz.	100	1000
5 to 7 inch circumference	\$0.50	\$3.00	\$25.00
7 to 9 inch circumference	.75	5.00	45.00
9 to 11 inch circumference	1.20	7.50	70.00
11 to 12 inch circumference	2.00	14.00	...
12 inch and upwards, very large	2.50	18.00	...

TUBEROSES

Well-Cured Bulbs

Our Bulbs are secured from dependable growers who are very careful in selecting the best Dwarf Excelsior Pearl Type.

Dwarf Excelsior Pearl {First size, 4 to 6 inch	\$3.00	\$25.00
Second size, 3 to 4 inch	1.75	15.00

Mexican	2.00	18.00
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MISCELLANEOUS BULBS

	Doz.	100	1000
APIOS TUBEROSA. Climber	\$0.90	\$6.00	\$55.00
CALLAS Elliottiana. Yellow. 2-2½ inch	1.50	10.00	95.00
2½-3 inch	2.00	15.00	140.00
CHLIDANTHUS Fragrans	.60	4.00	35.00
CINNAMON VINES. Climber, large roots	.70	4.50	40.00
GLOXINIAS. American Grown. 1½-2 inch.	1.60	11.00	100.00
2 inch	2.50	18.00	175.00
GLOXINIAS. Belgian Grown. 1½-2 inch.	.90	6.00	45.00
2 inch	1.35	9.00	70.00
HYACINTHUS CANDICANS. 1½-2 inch	.75	5.00	45.00
2 inch up	1.00	6.50	60.00
ISMENE CALATHINA, (White) Peruvian Daffodil	1.35	9.00	85.00
MADEIRA VINE. 2-3 inch	.50	3.00	25.00
3 inch up	.60	4.00	35.00
MILLA BIFLORA. Showy white star-shaped flowers	.90	6.00	55.00
MONTBRETTIAS MIXED	.55	3.50	30.00
MONTBRETTIAS Earlham Hybrids, Mixed	1.10	7.00	60.00
OXALIS. In separate colors	...	1.00	7.00
SPREKELIA. Scarlet. Large	1.75	12.00	...
TIGRIDIAS MIXED	.90	6.00	55.00
ZEPHYRANTHUS CANDIDA (White)	.35	2.00	18.00
ZEPHYRANTHUS ROSEA (Pink)	.55	3.50	30.00

LILY BULBS

FROM COLD STORAGE F. O. B. CHICAGO

LILUM LONGIFLORUM GIGANTEUM

Southern Grown

	100	Case
7 to 9 inch (300 to case)	\$7.00	\$17.50
8 to 10 inch (225 to case)	9.00	18.00
9 to 10 inch (200 to case)	11.00	20.00

Northern Grown

7 to 9 inch (300 to case)	7.50	18.50
8 to 10 inch (225 to case)	9.50	19.00
9 to 10 inch (200 to case)	12.00	21.00

LILUM REGALE

The flowers are white, shading to yellow in the center, with a pink tinge on the outer edges. A strong grower, some 3 to 4 feet high. It is deliciously scented, and its extreme hardiness makes it a valuable lily for outdoor planting.

	Doz.	100	1000
6 to 7 inch	\$0.80	\$5.50	\$50.00
7 to 8 inch	1.20	7.50	70.00
8 to 9 inch	1.40	9.50	90.00
9 to 10 inch	2.00	14.00	130.00

AURATUM—GOLD-BANDED

Flowers white, dotted crimson, with a clear golden band running through center of each petal; very fragrant.	Doz.	100	Case
8 to 9 inch (180 bulbs to a case)	\$1.35	\$9.00	\$15.00
9 to 11 inch (125 bulbs to a case)	1.80	13.00	15.00

SPECIOSUM RUBRUM MAGNIFICUM

Flowers are of good substance; will last a long time and do not all open at once.	Doz.	100	Case
8 to 9 inch (200 bulbs to a case)	\$1.35	\$9.00	\$16.00
9 to 11 inch (140 bulbs to a case)	1.80	13.00	16.00

OTHER LILIES

	Doz.	100
LILUM BATEMANNIAE. Deep apricot	\$1.60	\$11.00
LILUM CANADENSE. Yellow and orange	1.25	8.00
LILUM ELEGANS. Mixed	1.50	10.00
LILUM HENRYI. Apricot yellow, 8-9 inch	1.50	10.00
9-11 inch	1.90	14.00
LILUM JAPONICUM. Pink	1.80	13.00
LILUM PARDALINUM	1.75	12.00
LILUM PHILLIPINENSE FORMOSANUM	1.50	10.00
LILUM SUPERBUM. Orange	1.50	10.00
LILUM TENUIFOLIUM	1.10	7.00
LILUM TIGRINUM Splendens	1.10	7.00
LILUM TIGRINUM F1. Pl.	1.25	8.00



PALM SPRINGS.



HOPI.



MINUET.



DR. BENNETT.



EDITH MASON.

Vaughan's Glorious Gladioli

Prices subject to change without notice. Grown on our own farms from our own planting stocks.

IF SECOND SIZE Bulbs are wanted, deduct 20% from prices below except where noted.

	100	1000
AFLAME. Giant begonia rose.....	\$1.70	\$12.00
ALBATROSS. Clear white. First size.....	2.00	15.00
Second size.....	1.70	12.00
ALBANIA. Large pure white. First size.....	1.70	12.00
Second size.....	1.50	10.00
AVE MARIA. Medium blue.....	2.00	15.00
BAGDAD. Smoky old rose. First size.....	1.70	12.00
Second size.....	1.50	10.00
BERTY SNOW. Lavender pink.....	1.70	12.00
BETTY NUTHALL. Pink suffused orange. First size.....	1.50	10.00
Second size.....	1.25	8.00
BLOOMINGTON BEAUTY. Maroon purple.....	2.20	17.00
BLUE ROYALE. True violet-blue. Good tall, strong grower.....	2.30	18.00
BOB WHITE. Pure white.....	2.30	18.00
BREAK O'DAY. Soft La France pink. First size.....	1.25	8.00
Second size.....	.90	6.00
BUTTER BOY. Yellow (Prim.).....	1.50	10.00
BYRON L. SMITH. Lavender pink. First size.....	1.70	12.00
Second size.....	1.35	9.00
CACTUS ROSE. Rich velvety purplish red. First size.....	2.10	16.00
Second size.....	1.70	12.00
CADILLAC. Tall spike, flowers well placed and of good form. Color golden apricot fading to apricot-rose toward edge of petals, no throat markings, stamens and pistils creamy white. First size.....	2.00	15.00
Second size.....	1.70	12.00
CARUSO. Orange red.....	1.90	14.00
CHARLES DICKENS. Violet purple. First size.....	1.90	14.00
Second size.....	1.60	11.00
CHICAGO, WHITE. First size.....	1.50	10.00
Second size.....	1.25	8.00
COMMANDER KOEHL. Dark scarlet. First size.....	2.10	16.00
Second size.....	1.80	13.00
COPPERSHEEN. (Prim.) Orange, bronze.....	1.80	13.00
CARMEN SYLVA. Late white. First size.....	1.70	12.00
Second size.....	1.35	9.00

	100	1000
DEARBORN. Immense florets of deep flesh color, light coral reflex, lip amber yellow, blending to flesh, marked with a feathering of deep crimson. First size.....	\$2.00	\$15.00
Second size.....	1.70	12.00
DEBONAIR. La France pink. First size.....	1.50	10.00
Second size.....	1.25	8.00
DIANA. Blood-red, very large.....	1.90	14.00
DR. F. E. BENNETT. Gigantic red. First size.....	1.90	14.00
Second size.....	1.50	10.00
DR. MOODY. Light lavender.....	1.90	14.00
DUNA. Soft light pink.....	1.75	12.00
EARLY DUNE. Salmon-orange.....	2.10	16.00
EDITH MASON. Pure pink. First size.....	1.90	14.00
Second size.....	1.60	11.00
EDITH ROBSON. Light salmon-rose, red blotch.....	2.10	16.00
E. J. SHAYLOR. Ruffled rose. First size.....	1.50	10.00
Second size.....	1.25	8.00
ELIZABETH TABOR. Delicate rosy pink on white ground.....	1.50	10.00
EMILE AUBRUN. Coppery bronze.....	2.00	15.00
FLAMING SWORD. Scarlet, early. First size.....	1.25	8.00
Second size.....	.90	6.00
GAY HUSSAR. Orange-scarlet. First size.....	1.75	12.00
Second size.....	1.35	9.00
GIANT NYMPH. Large La France pink. First size.....	1.25	8.00
Second size.....	.90	6.00
GOLD EAGLE. Tall, deep yellow. First size.....	1.25	8.00
Second size.....	.90	6.00
GOLDEN DREAM. Clear, deep yellow. First size.....	1.25	8.00
Second size.....	.90	6.00
GOLDEN MEASURE. Best yellow.....	1.80	13.00
HALLEY. Salmon-pink. First size.....	1.50	10.00
Second size.....	1.25	8.00
HELGA. Salmon-pink. First size.....	1.50	10.00
Second size.....	1.25	8.00
HOPI. Bright maroon, dark blotch. Better than Anna Eberius.....	1.90	14.00
IMPROVED SCHWABEN. Light yellow.....	1.70	12.00
JOERG'S WHITE. Cream-white.....	2.10	16.00
KALAMAZOO. Violet purple. First size.....	2.00	15.00
Second size.....	1.70	12.00
LA PALOMA. Orange Primulinus.....	1.80	13.00



PICARDY.



SEAFOAM.

	100	1000
GLADIOLI—Continued.		
LANSING. White overlaid yellow.....	\$1.50	\$10.00
LAVENDER DELIGHT. Lavender. First size..	2.00	15.00
Second size.....	1.70	12.00
LOS ANGELES. (Prim.) Bright pink. First size..	1.25	8.00
Second size.....	.90	6.00
LOUISE. Pure lavender.....	1.50	10.00
LUSTRE. Orange vermillion.....	2.20	17.00
MAID OF ORLEANS. Milky white, cream throat.		
First size.....	2.00	15.00
Second size.....	1.70	12.00
MAMMOTH WHITE. Pure white. First size..	2.00	15.00
Second size.....	1.70	12.00
MARGARET FULTON. Rose-salmon. First size..	2.20	17.00
Second size.....	1.60	11.00
MARMORA. Smoky grey. First size.....	1.90	14.00
Second size.....	1.60	11.00
MARY SHARY. Clear soft primrose yellow with a deeper yellow on throat. First size.....	2.30	18.00
Second size.....	2.00	15.00
MILDRED LOUISE. Pure salmon-pink.....	2.10	16.00
MINUET. Large, light lavender. First size.....	2.00	15.00
Second size.....	1.60	11.00
MISS BLOOMINGTON. Deep lemon-yellow.		
First size.....	2.10	16.00
Second size.....	1.80	13.00
MOTHER MACHREE. Smoky lavender.....	2.50	20.00
MRS. LEON DOUGLAS. Immense rose. First size		
Second size.....	1.60	11.00
1.25	8.00	
MRS. F. L. KARCHER. Light salmon blending to orange. First size.....	1.90	14.00
Second size.....	1.60	11.00
MRS. FRANCIS KING. Vermilion. First size.....	1.70	12.00
Second size.....	1.35	9.00
MRS. T. J. KNUDSON. Clear light violet, shading deeper towards the outer edge of petals. The throat has a deep violet plume, tipped or capped by a characteristic bright creamy spire, giving it a very striking effect. First size.....	2.30	18.00
Second size.....	1.90	14.00
MRS. FRANK PENDLETON. Pink. First size.....	1.70	12.00
Second size.....	1.35	9.00
MRS. P. W. SISSON. Immense ruffled pink.		
First size.....	1.70	12.00
Second size.....	1.50	10.00
MRS. E. J. HEATON. Strawberry-pink. First size.....	2.50	20.00
Second size.....	2.10	16.00

	100	1000	
NANCY HANKS. Rich apricot.....	\$1.50	\$10.00	
ODIN. Deep salmon-pink. First size.....	1.50	10.00	
Second size.....	1.25	8.00	
ORANGE QUEEN. (Prim.) Large, orange. First size.....	1.50	10.00	
Second size.....	1.25	8.00	
PALM SPRINGS. Soft orange-buff. First size.....	2.00	15.00	
Second size.....	1.70	12.00	
PEACE. White, blotched purple. First size.....	1.50	10.00	
Second size.....	1.25	8.00	
PELEGREINA. Deep blue. First size.....	2.20	17.00	
Second size.....	1.90	14.00	
PFITZER'S TRIUMPH. Salmon-red.....	2.00	15.00	
PICARDY. Delicate apricot pink. First size.....	1.50	10.00	
Second size.....	1.25	8.00	
PINK MEDALLION. (Prim.) True pink.....	1.60	11.00	
PINKPRIM. (Prim.) Salmon.....	1.60	11.00	
PRIDE OF WANAKAH. Lavender rose.....			
First size.....	1.50	10.00	
Second size.....	1.25	8.00	
RED LORY. Large red, purplish blotch.....	2.30	18.00	
RED PHIPPS. Really a pink overlaid scarlet.			
First size.....	2.00	15.00	
Second size.....	1.70	12.00	
ROSA RAISA. Color, lower 3 petals blotched with violet, upper petals pale mauve shading to violet edge. Stamens violet.....	2.30	18.00	
ROYAL OAK. Primrose yellow. First size.....	2.10	16.00	
Second size.....	1.80	13.00	
SALBACH'S ORCHID. Pink-orchid shade. First size.....	2.10	16.00	
Second size.....	1.80	13.00	
SCHWABEN. Canary yellow. First size.....	1.70	12.00	
Second size.....	1.35	9.00	
SCHWABEN GIRL. Best pure pink.....	3.00	25.00	
SEAFOAM. (Prim.) White. First size.....	1.50	10.00	
Second size.....	1.25	8.00	
SENRITA. Very clear wide open orange, shading to salmon. First size.....	2.00	15.00	
Second size.....	1.70	12.00	
SOUTHERN CROSS. Deep red.....	2.20	17.00	
SOUVENIR. (Prim.) Daffodil yellow. First size.....	1.25	8.00	
Second size.....	.90	6.00	
STAR OF BETHLEHEM. Pure white. First size.....	3.00	25.00	
Second size.....	2.50	20.00	
TAWNY. Smoky.....	2.00	15.00	
VAUGHAN'S WHITE. Best white. First size.....	2.30	18.00	
Second size.....	2.00	15.00	
VIRGINIA. Scarlet. First size.....	Same as ..	1.70	12.00
Second size.....	{ Scarlet Princeps ..	1.35	9.00
WASAGA. Clear apricot, buff throat. First size.....	1.70	12.00	
Second size.....	1.35	9.00	
W. H. PHIPPS. La France pink. First size.....	1.50	10.00	
Second size.....	1.25	8.00	
WILBRINK. Lavender pink. First size.....	1.50	10.00	
Second size.....	1.25	8.00	
WINDSOR. Giant light pink.....	1.50	10.00	
WURTEMBURGIA. Dazzling large light red, cream throat.....	2.60	22.00	
YELLOWSTONE (Prim.) Tall clear yellow.....	1.70	12.00	
STANDARD MIXED. Not a field grown mixture, but blended thoroughly after harvest. All good, standard sorts. First size.....	1.25	8.00	
Second size.....	.90	6.00	

EXTRA FINE MIXTURE

A mixture of fine, popular, higher priced varieties, containing a fine range of colors. First size..... \$ 1.70 1000 \$12.00
Second size..... 1.35 9.00

DE LUXE MIXTURE

Put up 100 to the bag, to assure a splendid mixture. All high class, superfine varieties. First size..... 2.30 1000 18.00
Second size..... 2.00 15.00

PRIMULINUS HYBRIDS. Mixed..... 1.50 10.00

Perennial Plant Novelties

We list and describe below plants of perennials which are much in demand, including most recent introductions. All in strong pot plants or one-year field roots except as noted. Less than 5 at double the rate per 100; 5 or more at the 10 rate; 25 or more at the 100 rate.

ANCHUSA

Myosotidiflora (The Forget-me-not Anchusa). 1 ft. April-May. A lovely spring perennial which blossoms with the late tulips, forming a mound of attractive foliage almost hidden by pale blue forget-me-not blossoms held above the foliage on straight stems. 10, \$1.00; 100, \$8.00.

NEW HARDY ASTERS

Frikarti (Wonder of Stafa). Amellus type, blooming from late August till heavy frost. Many large sky-blue flowers on plants 24 in. high. 2½-inch pots, 10, \$3.00; 100, \$25.00.

Harrington's Pink. Large flowers of luminous true pink, first of this color, on bushy plant. 10, \$2.25; 100, \$18.00.

Skylands Queen. 3 ft. Pale blue. Largest flowers and heaviest bloomer of all. 10, \$1.25; 100, \$10.00.

Hybridus Luteus (Solidago). 2½ ft. Myriads of small pale yellow blooms. 10, \$1.25; 100, \$10.00.

BUDDLEIA

Charming. Light rose-pink. Fast grower. 2½-inch pots, 10, \$1.85; 100, \$15.00.

Dubonnet. The new Dubonnet wine shade. 2½-inch pots, 10, \$3.75; 100, \$30.00.

Fortune. Patented. Pure lilac, excellent cut flower. 2½-inch pots, 10, \$3.15; 100, \$25.00.

Hartwegi. Bright lilac of good growth. Profuse bloomer. 2½-inch pots, 10, \$1.25; 100, \$10.00.

CHRYSANTHEMUM SHASTA ALASKA

Giant Double. A selected strain of double Shasta Daisies. Contains many large full-double, semi-double, also frilled types. 2½-inch pots, 10, \$1.50; 100, \$12.00.

Supreme. A late flowering large Shasta Daisy of compact growth and unusual hardiness. 10, \$1.25; 100, \$10.00.

DELPHINIUM

Pacific Hybrids. Immense flowers tightly set on strong, whippy stems, the best strain so far produced, for either cut flowers or garden display.

Mixed Blue or Pure White. Field grown, 10, \$1.85; 100, \$15.00; 2½-inch pots, 10, \$1.00; 100, \$8.00.

Named Varieties. Galahad, Guinevere, Blue Jay, King Arthur, Summer Skies. 2½-inch pots, 10, \$1.50; 100, \$12.00.

ERIGERON

Amos Perry (Rare Blue Daisy). Compact growth. Large sky-blue daisies on 18-inch stems all summer. 10, \$1.50; 100, \$12.00.

EUPATORIUM (Hardy Ageratum)

Coelestium. 2 ft. Sept.-Oct. Grows into large bushes with abundant lavender flower-heads like Ageratum. Excellent cut flower. 10, \$1.00; 100, \$8.00.

GAARDIA

Sun God. Pure chamois yellow, blossoms from June until frost. Erect growth, stiff stems and extra large flowers. Wonderful cut flower. 10, \$1.85; 100, \$15.00.



SHASTA DAISIES Giant Double

GYPSOPHILA PANICULATA

Bristol Fairy (Double Baby's Breath). Blooms much earlier than Paniculata fl. pl. and produces a second crop of spikes after the first have been cut. Grafted plants:—3-inch, 10, \$1.50; 100, \$12.50. Field grown, 10, \$2.20; 100, \$17.50.

HELIANTHUS

Helianthus Multiflorus Plenus. Double golden yellow Chrysanthemum-like flowers. Aug.-Sept. 4 ft. tall. 10, \$1.25; 100, \$10.00.

Heliopsis Double Lemoine. Large semi-double orange yellow flowers, from July till frost. 10, \$1.25; 100, \$10.00.

LIATRIS

September Glory. New late blooming variety. Full rosy purple spikes. 3-4 ft. tall. 10, \$1.85; 100, \$15.

Spicata Pumila. New dwarf type. Many 18-inch rosy purple spikes in August and September. Has great possibilities as a cut flower. Field grown roots, 10, \$1.85; 100, \$15.00.

NIEREMBERGIA

Hippomanica. 4 to 6 inches high, a cushion of elegant light green foliage from which emerge corymbs of silver-shaped flowers of a delicate lavender hue. 2-inch pots, 10, 80c; 100, \$6.00. 3-inch pots, 10, \$1.50; 100, \$12.00.

GENERAL LIST OF PERENNIAL PLANTS

PLANTS FOR ROCK GARDENS

The sign X is placed after varieties especially suited for use in rock gardens. Star (★) designates varieties of exceptional merit.

	10	100
ACHILLEA Crimson Beauty	\$1.00	\$8.00
Perry's Variety	1.00	8.00
The different varieties of Achillea are much used for cut flowers.		
AJUGA Genevensis	1.25	10.00
Reptans Rubra	1.25	10.00
ALYSSUM Saxatile Compactum	1.15	9.00
ANCHUSA Italica Dropmore	1.00	8.00
★ Myosotidiflora	1.00	8.00
ANEMONE Japonica	1.25	10.00
Alba	1.25	10.00
Hupehensis	1.25	10.00
Queen Charlotte	1.25	10.00
September Charm	1.25	10.00
Whirlwind	1.25	10.00
ANTHEMIS Perry's Variety	1.25	10.00
Moonlight	1.25	10.00
AQUILEGIA (Columbine)		
Coerulea	1.25	10.00
Crimson Star	1.85	15.00
Dobbie's Imperial Hybrids	1.25	10.00
Mrs. Scott Elliott	1.25	10.00
Rosea	1.25	10.00
ARABIS Alpina	1.00	8.00
ARMERIA Bee's Ruby	1.25	10.00

	10	100
ARTEMISIA Lactiflora	\$1.00	\$8.00
Silver King	1.00	8.00
ASCLEPIAS Tuberosa	1.25	10.00
ASPARAGUS Verticillatus	.75	6.00
ASTER Alpinus	1.00	8.00
★ Beechwood Challenger	2.50	20.00
Charles Wilson	1.25	10.00
Climax	1.25	10.00
★ Frikarti (Wonder of Stafa)	3.00	25.00
★ Harrington's Pink	2.25	18.00
★ Hybridus Luteus (Solidago)	1.25	10.00
Mount Everest	1.25	10.00
Red Rover	1.25	10.00
Snowdrift	1.00	8.00
★ Skylands Queen	1.25	10.00
Subcoeruleus	1.25	10.00
Wartburg Star	1.85	15.00
New Dwarf Varieties		
Countess of Dudley	1.15	9.00
Nancy	1.15	9.00
Snowsprite	1.15	9.00
Victor	1.15	9.00
AUBRIETIA Hybrids	1.25	10.00
April-May	.85	7.00
BAPTISIA Australis		



DICTAMNUS Fraxinella (Gas Plant)

An outstanding novelty, a fringed semi-double Shasta Daisy.



CHRYSANthemum Chiffon



DICENTRA (Bleeding Heart)

Hardy Perennial Plants—Continued

	10	100
BUDDElia ★ Charming . New pink variety, fast growing, large blossoms..... 2-in. pot plants \$1.85 \$15.00		
★ Dubonnet . Dubonnet wine color. July-Sept. 2½-in. pot plants. 3.75 30.00		
★ Fortune . Pure lilac Buddleia. A patented variety of great merit. Large rose-pink blooms. July-Sept. 2½-in. pot plants. 3.15 25.00		
★ Hartwegi . Bright lilac. Fine cut flower. 2½-in. pot plants. 1.25 10.00		
Ile de France . (New.) Dark purple. 4 ft. July-Sept. This new Buddleia will prove of great value as a summer cut flower for bouquets and funeral work. 2½-in. pot plants. 1.25 10.00		
3-in. plants. 1.85 15.00		
CAMPANULA Calycanthema (Canterbury Bells, Cup and Saucer). Blue . 3 ft. July..... 1.00 8.00		
Calycanthema . Pink . 3 ft. July..... 1.00 8.00		
White. 3 ft. July..... 1.00 8.00		
Carpathica . Blue . X. 9 in. July-Aug..... 1.00 8.00		
Alba. X. White. 9 in. July-Aug..... 1.00 8.00		
Glomerata Superba . Purple . 2 ft. July-August..... 1.25 10.00		
Medium (Canterbury Bells). Blue . 3 in. June-July..... 1.00 8.00		
Mixed . 3 ft. June-July..... 1.00 8.00		
Rose. 3 ft. June-July..... 1.00 8.00		
White. 3 ft. June-July..... 1.00 8.00		
Persicifolia . Blue . 2 ft. June-July..... 1.00 8.00		
Alba. White. 2 ft. June-July..... 1.00 8.00		
Telham Beauty . Blue . 2 ft. June..... 1.25 10.00		
Pyramidalis . Lavender-blue. 4 ft. July-Sept..... 1.25 10.00		
Pyramidalis Mixed . 4 ft. July-Sept..... 1.25 10.00		
CARNATION Grenadin . 1 ft. July. Pink, red, yellow and white 1.50 12.00		
CASSIA Marylandica . Yellow. 4 ft. Aug..... 1.00 8.00		
CENTAUREA Macrocephala . Yellow. 3 ft. June..... 1.25 10.00		
CENTAUREA Montana . Blue. 2 ft. June-Sept..... 1.00 8.00		
CHIVES . Herb for seasoning..... .90 7.00		
CHRYSANthemUM		
Chiffon (New). Fringed and laciniated semi-double white flowers on stout stems over a long blooming period. An outstanding novelty..... 1.85 15.00		
Erebuscens. New pink daisy. 1½ ft. Sept..... 1.00 8.00		
★ Giant Double . Selected strain. 2 ft. All summer..... 1.50 12.00		
Maximum (Shasta Daisy). White. 2 ft. July-Aug..... 1.00 8.00		
★ Supreme . Large white. One of the best. 2 ft. July-Aug..... 1.25 10.00		
CHRYSOBOLTONIA Pulcherrima . New hybrid daisy. Pale pink. 1½ ft. Sept..... 1.00 8.00		
CLEMATIS .		
Recta Grandiflora. White. Large flowers, 2 ft. 2-year clumps 1.25 10.00		
CONVALLARIA MAJALIS . Lily of the Valley. Field grown. 1.85 15.00		
COREOPSIS Lanceolata Grandiflora . Yellow. 2 ft..... .85 7.00		
Golden Giant. New variety with extra large flowers. In bloom all summer..... 1.50 12.00		
Grandiflora Fl. Pl. Double, from seed. 2 ft. All summer..... 1.25 10.00		
DAISY ★ Hartje & Elder . Early. Blooms for Decoration Day. Valuable cut flower..... 1.00 8.00		
DELPHINIUM Belladonna Improved . Light blue. All summer 1.00 8.00		
Bellamoum. Medium blue. 3 ft. All summer..... 1.00 8.00		
Formosum. Dark blue, white center. 4 ft. All summer..... 1.00 8.00		
Indigo. Darkest blue. 4 ft..... 1.00 8.00		
★ Pacific Hybrids (Vetterle and Reinel). World's best Delphinium. Blue Shades . 5 ft. All summer. 2½-in. pot plants 1.00 8.00		
White. 2½-in. pot plants..... 1.00 8.00		
★ Mixed Blue or White . Field grown. Named Varieties. Blue Jay, Galahad, Guinevere, King Arthur, Summer Skies. 2½-in. pot plants. 1.85 15.00		
Vaughan's Gold Medal Hybrids . Mixed colors. 4 ft..... 1.25 10.00		
Wrexham Hollyhock Flowered. Choice hybrid mixture. 5 ft. 1.50 12.00		

Less than five, double the rate per hundred. All varieties followed by X are suitable for rock gardens.

	10	100
DIANTHUS		
Atro-coccineus Fl. Pl. X. Deep scarlet. 1 ft. All summer..... \$1.00 \$8.00		
Barbatus (Sweet William) Albus . White. 1 ft. June-July..... 1.00 8.00		
Scarlet Beauty. Vivid scarlet. 1 ft. June-July..... 1.00 8.00		
Johnson's Giant Mixed. 1 ft. June-July..... 1.00 8.00		
Pink Beauty. 1 ft. June-July..... 1.00 8.00		
Vaughan's Special Mixed..... .85 7.00		
Beatrix. X. Salmon-pink. Double. 10 in. All summer..... 1.50 12.00		
Crimson King. Crimson. Very double. 2 ft. All summer..... 1.50 12.00		
Deltoides (Maiden Pink). X. Pale pink. 8 in. June..... 1.00 8.00		
Plumaris Allwoodi Alpinus. X. Mixed colors. 6 in. July..... 1.25 10.00		
Caesius. X. Rose. 4 in. June-July..... 1.00 8.00		
Cyclops. X. Dark rose. 9 in. June-July..... 1.00 8.00		
Highland Rose. X. Deep rose. 1 ft. June-August..... 1.25 10.00		
Spring Beauty. X. Double grass pink. 12 in. July..... 1.25 10.00		
Vaughan's Special Mixture. X. Plumaris types..... 1.00 8.00		
Winteri. X. Mixed. 9 in. June-August..... 1.25 10.00		
DICTAMNUS Fraxinella . Deep pink. 3 ft. June-July..... 1.25 10.00		
Fraxinella Albus . White. 3 ft. June-July..... 1.25 10.00		
DICENTRA Spectabilis (Bleeding Heart). Pink. 1½ ft..... 2.50 20.00		
DIGITALIS Gloxiniaeflora (Foxglove). Pink. 3 ft. June-July..... 1.00 8.00		
Purple. 3 ft. June-July..... 1.00 8.00		
Grandiflora Ambigua. Yellow. 2 ft. June..... 1.00 8.00		
Shirley Hybrids. Mixed colors. 5 ft. June-July..... 1.00 8.00		
DORONICUM Caucasicum . Yellow. 2 ft. May-June..... 1.50 12.00		
ECHINACEA Purpurea (Coneflower). Purple. Useful cut flower. 4 ft. July-August..... 1.00 8.00		
ECHINOPS Ritro . Steel-blue. 3 ft. July-Aug..... 1.20 9.00		
ERIGERON ★ Amos Perry . X. Large blue daisy. 1 ft. All summer..... 1.50 12.00		
Speciosus. Lavender-blue. 1½ ft. July..... 1.00 8.00		
ERYNGIUM Amethystinum . Steel-blue. 3 ft. July-Aug..... 1.25 10.00		
EUPATORIUM ★ Coelestinum . Blue. 2 ft. Aug.-Oct..... 1.00 8.00		
EUPHORBIA Polychroma . Yellow. 1 ft. April..... 1.25 10.00		
FUNKIA		
Coerulea Lanceolata (Plantain Lily). Mauve. 1½ ft. July..... 1.00 8.00		
Japonica Aurea Marginata. X..... 1.85 15.00		
Subcordata Grandiflora. X. White. 1½ ft. August..... 1.85 15.00		
Undulata Variegata. X. White. 1½ ft. August..... 1.25 10.00		
GAILLARDIA Bremen . Coppery scarlet tipped yellow. 2 ft. All summer..... 1.15 9.00		
Burgundy. Wine-red. 2 ft. All summer..... 1.25 10.00		
New Hybrids. Mixed colors. 2 ft. All summer..... .85 7.00		
★ Sun God . New. Large chamois yellow blooms, basal branching 2 ft. July until frost. Valuable cut flower..... 1.85 15.00		
Tangerine. Orange. 2 ft. All summer..... 1.25 10.00		
Torchlight . Yellow, maroon center. 2 ft. All summer..... 1.15 9.00		
GERBERA Hybrids. Mixed pastel shades. 18 in. Aug.-Sept..... 3.00 25.00		
GEUM , Lady Stratheden. X. Golden. 1½ ft. All summer..... 1.25 10.00		
Mrs. J. Bradshaw. X. Orange-red. 1½ ft. All summer..... 1.25 10.00		
Orange Queen. X. Scarlet orange. 1½ ft. All summer..... 1.25 10.00		
GRASS Eulalia Japonica Variegata. 3 ft. Field grown..... 1.00 8.00		
GYPSOPHILA ★ Bristol Fairy . Double white. 3 ft. July-Sept. Field grown..... 1.50 12.50		
Useful as cut flower, also for drying..... 2.20 17.50		
★ Bodgeri . New; continuous flowering, double white. 18 in. 1.50 12.00		
Oldhamiana. Pink. Good for cutting..... 1.25 10.00		
Pacifica. Single pink. 4 ft. July..... 1.25 10.00		
Paniculata. White. 3 ft. June-July..... .85 7.00		
Repens. X. White. 4 in. All summer..... 1.00 8.00		
★ Rosenschleier (Rosy Veil). Double pink. 2 ft. All summer..... 1.50 12.00		
HARDY FERNS . Adiantum Pedatum (Maidenhair Fern). 1 ft. Aspidium Spinulosum (Spinulose Wood Fern). 1½-2 ft..... 1.50 12.00		
Asplenium Filix-Femina (Lady Fern). 2-3 ft..... 1.50 12.00		
Onoclea Struthiopteris (Ostrich Fern). 3-4 ft..... 1.50 12.00		
Osmunda Claytoniana. 2-3 ft..... 1.50 12.00		
HELENIUM Autumnale Rubrum . Brownish red. 3 ft. Moerheim Beauty. New. Early blooming bronze. 2½ ft. July-August..... 1.85 15.00		
Riverton Beauty. Yellow. Useful cut flower. 3 ft. June-July.. 1.25 10.00		

Hardy Perennial Plants—Continued

HELLEBORUS Niger. X. (Christmas Rose.) White. 10 in. Dec.-Feb.	10	100	\$6.00	\$45.00
HELIANTHUS Multiflorus Plenus (Dahlia flowered sunflower). ★ Deep yellow. 4 ft. Aug.-Sept. Extremely valuable to florists because it produces ideal cut flowers during a time when yellow flowers are scarce. Resembles a large disbudded pompon chrysanthemum on a 3-foot stem.	1.25	10.00		
HELIOPSIS ★ Double Lemoine. Orange. 2½ ft. All summer. Excellent cut flower.	1.25	10.00		
HEMEROCALLIS Aureole. Deep orange-yellow with bronze reverse. 2 ft. May-June.	.75	5.00		
Dr. Regel. Rich orange-yellow. 1½ ft. May-June.	1.00	8.00		
Fulva Kwanso. Fl. Pl. Deep orange. 3 ft. July-Aug.	.75	5.00		
Sovereign. Chrome yellow. Fragrant. 2 ft. May-June.	.75	5.00		
Thunderbergi. Golden yellow. 3 ft. July.	1.00	8.00		
NEW HYBRID HEMEROCALLIS				
Bay State. Deep yellow. Late June.	Each, \$0.30	2.50	20.00	
Dover. Large golden yellow. May-June.	Each, .35	3.00	25.00	
Calypso. Pale yellow. July.	Each, .25	2.00	15.00	
Cinnabar. Light bronze.	Each, .45	4.25	35.00	
George Yeld. Rich orange.	Each, .35	3.00	25.00	
Gypsy. Deep orange. July.	Each, .35	3.00	25.00	
Hyperion. Vigorous citron-yellow. July-Aug.	Each, .75	6.50	50.00	
Lemonia. Clear canary-yellow. June-July.	Each, .30	2.50	20.00	
Margaret Perry. Scarlet orange, suffused yellow. July.	Each, .65	6.00	50.00	
Mrs. W. H. Wyman. Clear gold. Profuse bloomer. July-Aug.	Each, .30	2.50	20.00	
Mikado. Orange, maroon blotches. June.	Each, .65	6.00	50.00	
Ophir. Tall golden yellow. June-July.	Each, .35	3.00	25.00	
The Gem. Medium golden flowers. June-July.	Each, .30	2.50	20.00	
Vesta. Large deep orange. July.	Each, .65	6.00	50.00	
Wau Bun. Large light yellow, reddish markings.	Each, .80	7.50	60.00	
HEUCHERA Brizoides Gracillima. X. Flesh pink. 1½ ft.	1.25	10.00		
Sanguinea. X. Coral red. 1½ ft. May-July.	1.25	10.00		
HIBISCUS. Red, white, or pink. 5 ft. July-Aug.	Each.	1.00	8.00	
HOLLYHOCK. Double white; double pink; double salmon; double yellow; double maroon and double red or mixed.	1.00	8.00		
HOSTA—See Funkia.				
HYPERICUM ★ Moserianum. X. Yellow. 1 ft. All summer.	1.25	10.00		
IBERIS Sempervirens. X. White. 8 in. May-June.	1.25	10.00		
LAVENDER Vera. Lavender. 1½ ft. July-Aug.	1.50	12.00		
LIATRIS Pycnostachya. Purple. 5 ft. Sept.	1.15	9.00		
★ September Glory. New late flowering strain. Erect light purple, blooming September.	1.85	15.00		
Spicata Pumila. New dwarf type. 18 inch. Sept.	1.85	15.00		
LINUM Perenne. X. Blue. 10 in. All summer.	1.25	10.00		
LOBELIA Cardinalis. Scarlet. 3 ft. July-Aug.	1.00	8.00		
LUPINUS Blue. 3 ft. June-Aug.	1.25	10.00		
Downers Hybrids. Mixed colors. 3 ft. June-Aug.	1.50	12.00		
★ Russell Hybrids. Best hybrid mixture. June-Aug.	1.50	12.00		
LYCHNIS Chalcedonica. Scarlet. 2 ft. July.	1.00	8.00		
LYTHRUM Rose Queen. Pink. 3 ft. July-Aug. Desirable cut flower.	.85	7.00		
MATRICARIA ★ Capensis Fl. Pl. (Double Feverfew). White. Good for cut flowers. 1 ft. June-Aug.	1.00	8.00		
MERTENSIA Virginica. X. Purplish blue. 1½ ft. Apr.-May.	.85	7.00		
MINT. Useful herb.	1.00	8.00		
MONARDA Didyma. Red. 3 ft. July-Aug.	1.25	10.00		
MYOSOTIS Palustris X. (Forget-me-not). Blue. 5 in.	1.00	8.00		
NEPETA Mussia. X. Blue. 2 in. June-July.	1.15	9.00		
NIEREMBERGIA Hippomanica. X. Cup-shaped blooms, lavender-blue. All summer. 2-in. pots.	.80	6.00		
PACHYSANDRA Terminalis. X. Rooted runners of Pachysandra, per 1000, \$65.00.	1.00	8.00		
PAPAVER Beauty of Livermore. Crimson. 3 ft. May-June.	1.50	12.00		
Jeannie Mawson. Geranium pink. 2½ ft. June.	1.50	12.00		
Joyce. Cherry-red. 4 ft. June.	1.50	12.00		
Mrs. Perry. Orange-apricot. 3 ft. June.	1.25	10.00		
Olympia. Earliest of all. Double orange-scarlet. 2½ ft. May.	1.50	12.00		
Perry's White. White. June.	2.50	20.00		
Princess Ena. Cherry-pink. 3 ft.	1.25	10.00		
Royal Scarlet. Old-fashioned scarlet. 3 ft. June.	1.15	9.00		
PHYSALIS Franchetti (Chinese Lantern). Orange. 2 ft. Oct.	1.00	8.00		
PHYSOSTEGIA Grandiflora Vivid. X. Bright pink. 2 ft.	1.25	10.00		
PLATYCODON Grandiflorum (Balloon Flower). Blue. 2 ft.	.85	7.00		
PLUMBAGO Larpetae. X. Blue. 6 in.	1.25	10.00		
POLEMONIUM Coeruleum. X. Deep blue. 1½ ft. June-July.	1.00	8.00		
POTERIUM Obtusum (Japanese Burnet). Catkin-like crimson flowers. 2 ft. July.	2.50	20.00		
PRIMULA (Primrose).				
★ Acaulis Double X. Lavender. Beauty. 6 in. April-May.	2.25	18.00		
★ Auricula. X. Mixed colors. 6 in. April-May.	1.85	15.00		
Veris. X. Mixed colors. 6 in. April-May.	1.50	12.00		
Veris Kleynii. New. Large golden yellow. 8 in. Apr.-May.	1.50	12.00		
Veris Munstead Strain. Pale yellow shades. 8 in. April-May.	1.50	12.00		
PYRETHRUM Roseum (Painted Daisy).				
Single. Mixed colors. 2 ft. May-June.	.85	7.00		
James Kelway. Red. 2 ft. May-June.	1.25	10.00		
Ulinigousum. White. 3 ft. Aug.-Sept.	1.00	8.00		
RANUNCULUS Acris. Double yellow. 6 in. May-July.	1.25	10.00		
ROSA Rouletti (Miniature Rose). X. Rose-pink. 6 in.	1.85	15.00		
Tom Thumb. X. Patented. World's smallest red rose.	4.50	35.00		
RUDBECKIA Lacinata. Fl. Pl. (Golden Glow). Yellow. 6 ft. Aug.	1.00	8.00		

SALVIA Azurea Grandiflora. Blue. 4 ft. Aug.-Sept.	10	100	\$1.00	\$ 8.00
Officinalis. Sage for seasoning.	1.25	10.00	1.25	10.00
★ Pitcheri. Deep blue. 4 ft. Aug.-Sept.	1.25	10.00		
SAPONARIA Ocymoides. X. Rose. 6 in. June-Aug.	1.25	10.00		
SCABIOSA Caucasica. Lavender-blue. 2 ft. All summer.	1.25	10.00		
SEDUM (Stone Crop).				
Acre. X. (Golden Moss) Yellow. 2 in. May-July.	1.00	8.00		
Album. X. White. 2 in. May-July.	1.00	8.00		
Sieboldi. X. Pink. 4 in. Aug.-Oct.	1.25	10.00		
Spathulatum Purpureum. Red foliage. 1½ ft. Aug.-Sept.	1.25	10.00		
Spectabile. Pink. 1½ ft. Aug.-Sept.	1.00	8.00		
Spurium. X. Pink flowers, red foliage. 6 inch. July-August	1.00	8.00		
SEMIPERVIVUM (Hen and Chickens).				
Globiferum. X. Yellow. 1 ft. June.	1.00	8.00		
Tectorum. X. Light red. 1 ft. June.	1.00	8.00		
SHASTA Daisy. See Chrysanthemum maximum.				
SIDALCEA Rosy Gem. Pink. 1½ ft. All summer.	1.25	10.00		
SILENE Schafta. X. Bright pink. 6 in. July.	1.00	8.00		
SPIRAEA Filipendula Hexapetala. X. White. 1 ft. June-July.	1.00	8.00		
Spiraea Ulmaria Fl. Pl. Double white. June. 2 ft.	1.85	15.00		
STATICE ★ Latifolia (Sea Lavender). Blue. 2 ft. Aug.-Sept.	.85	7.00		
3 year clumps.				
STOKESIA Cyanea. X. (Cornflower Aster.) Sky-blue. Makes good cut flowers. 1 ft. Aug.-Sept.	1.00	8.00		
STRAWBERRY ★ Baron Solemacher. Small fruited runnerless alpine type. Everbearing. 2½-in. pot plants.	1.00	8.00		
Sweet William, see Dianthus Barbatus.				
TARRAGON, TRUE (Artemesia Dracunculus).			1.50	12.00
THALICTRUM Adiantifolium. X. Yellow, fern-like foliage. 1 ft. June-July.	1.25	10.00		
Dipterocarpum. Rosy purple. 4 ft. Aug.-Sept.	1.50	12.00		
Glaucum. Yellow. 3 ft. June.	1.00	8.00		
THERMOPSIS Caroliniana. Yellow. 2 ft. June-July.	1.25	10.00		
THYMSUS Citriodorus. X. (Lemon Thyme.) Red. 4 in. June.	1.00	8.00		
Serpillum Coccineum. X. Red. 2 in. June-July.	1.00	8.00		
Serpillum Album. X. White. 2 in. June-July.	1.00	8.00		
TRADESCANTIA ★ Heavenly Blue. Pale blue. 1½ ft. July-Aug.	1.25	10.00		
★ Leonora. Dark blue. 1½ ft. July-Aug.	1.25	10.00		
TRILLIUM Grandiflorum. X. White. 12 in. May-June.	.85	7.00		
TRITOMA Pfitzeri (Red Hot Poker).			1.25	10.00
Mount Etna. Erect heavy spikes, scarlet orange. Sept.-Oct.	2.50	20.00		
TROLLIUS Golden Queen. Large orange. 3 ft. Spring and fall.	1.85	15.00		
Lebedour (Globe Flower). Orange-yellow.	1.50	12.00		
★ New Hybrids. Orange and yellow shades. 2 ft. May-July.	1.25	10.00		
TUNICA ★ Saxifraga Fl. Pl. Pink Ball. X. Dark pink. 6 in. Full double.	1.85	15.00		
VERBASCUM Hybrids. Yellow, cream, etc. 3 ft. July-Aug.	1.50	12.00		
VERONICA Incana. X. Blue, silvery foliage. 12 in. July-Aug.	1.25	10.00		
★ Longifolia Subsessilis. Blue. 2 ft. Aug.-Sept.	1.50	12.00		
Rupestris. X. Blue. 5 in. June.	1.25	10.00		
Spicata. Blue. 2 ft. Aug.	1.00	8.00		
Spicata Rosea. Pink. 2 ft. July-August.	1.00	8.00		
VINCA Minor. X. (Periwinkle.) Blue. 6 in. 2½-inch pots.	.85	7.00		
Field grown. Per 1000, \$35.00			.75	5.00
★ Bowles Variety. X. Improved type, free flowering. Blue. 6 in. Spring and fall.	1.25	10.00		
VIOLA. Admiratio. X. Purple. 6 in.	.85	7.00		
Chantreyland. X. Apricot. 6 in. All summer.	.85	7.00		
Cornuta Lutea. X. Yellow. 6 in.	.85	7.00		
Improved Wedgwood X New. Medium blue with small yellow eye. 6 in. All summer.	1.85	15.00		
Jersey Gem. X. Violet. 6 in.	1.25	10.00		
White Perfection. X. White. 6 in.	.85	7.00		
VIOLET Double Russian. X. Double purple, very fragrant. 5 in. May.	1.50	12.00		
Florence. X. Fragrant single white, faint purple veining. 6 in. Spring.	1.50	12.00		
Frey's Fragrant. X. Single purple. 6 in. May.	1.25	10.00		
Prince of Wales. X. Single, purple-violet. 6 in. May.	1.25	10.00		
★ Rosina. X. Rose-pink. 6 in. Spring and fall.	1.50	12.00		
YUCCA Filamentosa. 2 yr. White. 6 ft. July.	1.00	6.00		
Filamentosa. 3 yr. White. 6 ft. July.	1.25	8.00		
Glaucia Angustifolia. Purplish white. 6 in. July. 2-year.	1.25	10.00		
3-year.	1.50	12.00		
Ranunculus Acris Fl. Pl.				
Alyssum Saxatile Compactum			Rosa Rouletti	
★ Anchusa Myosotidiflora			Rosa Tom Thumb	
Saponaria Ocymoides			*Sedum Acre	
Arabis Alpina			Sedum Album	
Aster Dwarf Hybrids			Sexangulare	
Aster Subcoeruleus			*Sieboldi	
*Campanula Carpatica			*Spurium	
Dianthus Atro-coccineus Fl. Pl.			Sempervivum Globiferum	
Plumarius Caesius			Sempervivum Tectorum	
Plumarius Cyclops			Silene Schafta	
Plumarius Deltoides			Spiraea Filipendula Hexapetala	
Gypsophila Bodgeri			*Thalictrum Adiantifolium	
Gypsophila Repens			Thymus, all varieties	
*Heuchera New Hybrids			*Trillium Grandiflorum	
Linum Perenne			Tunica Saxifraga	
*Mertensia Virginica			Veronica	
*Myosotis Palustris			Incana	
Neptea Mussia			Rupestris	
*Pachysandra Terminalis			*Vinca Minor	
*Phlox Amoena			*Viola Jersey Gem	
*Phlox Divaricata			*Violet Frey's Fragrant	
*Phlox Subulata			*Violet Prince of Wales	
Plumbago Larpetae			*Violet Rosina	
*Primula Veris				

Less than five, double the rate per hundred. All varieties followed by X are suitable for rock gardens.



PHLOX Columbia

Less than five, double the rate per hundred. All varieties followed by X are suitable for rock gardens.

Hardy Phlox

	10	100
Africa. Carmine red with darker eye.	\$1.25	\$10.00
Augusta Patented. Brilliant cherry-red.	2.50	18.00
B. Comte. Amaranth purple.	1.15	9.00
Brilliant. Deep rose, darker eye.	1.25	10.00
Caroline Vanderberg. Nearest to blue.	1.25	10.00
Champs Elysees. Dark purple.	1.25	10.00
Columbia. (Patented.) Cameo pink, faint blue eye.	1.90	12.00
Daily Sketch. New. Immense salmon-pink, crimson eye.	1.50	12.00
E. Farrington. New. Soft salmon-pink, with lighter eye.	1.25	10.00
Enchantress. Light salmon shading to palest pink.	1.25	10.00
Europa. White, faint red eye.	1.15	9.00
Feuerbrand. Brilliant red.	1.25	10.00
Flora Reidy. White. Medium height.	1.25	10.00
Goliath. Light reddish purple. Tall. Early.	1.00	8.00
Graf Zeppelin. Snow-white, deep red eye.	1.25	10.00
Harvest Fire. New. Glowing flame scarlet.	1.85	15.00
Leo Schlageter. Vivid fiery scarlet, large florets.	1.85	15.00
Lillian. Salmon, faint blue eye.	1.25	10.00
Miss Lingard (Suffruticosa). Earliest to bloom. White.	1.25	10.00
Miss Von Lassberg. Tall white.	1.25	10.00
Mrs. Milly Von Hoboken. Bright pink, faint mauve suffusion.	1.25	10.00
Painted Lady. Soft silvery pink, dark red eye.	1.25	10.00
Salmon Queen. A true large salmon-pink.	1.50	12.00
Snowcap. Largest pure white.	1.50	12.00
Thor. Tall, deep salmon-pink, suffused and overlaid with a scarlet glow. One of the best.	1.00	8.00
Von Hochberg. Deep blood-red.	1.50	12.00
Mixed. Varieties with labels lost. Some very good stock.	.85	7.00

DWARF AND ALPINE PHLOX

Remarkable for their prostrate habit and mass of bloom in spring and early summer, being quite distinct from the Phloxes offered above. They are splendid subjects for rockeries, the front of borders and over graves.

	10	100
Amoena. X. Pink. 8 in. May.	\$1.00	\$8.00
Divaricata Canadensis. X. Pale blue. 10 in. May.	1.25	10.00
★Dixie Brilliant (Nivalis Sylvestris). X. New Giant Hardy Thrift. Rosy red. 1 in. diameter.	3.00	25.00
Subulata Alba. X. Pure white. 4 in. Spring.	.85	7.00
Atropurpurea. X. Purplish red. 3 in. Spring.	1.25	10.00
Mrs. G. F. Wilson. X. Lavender. 4 in. Spring.	1.25	10.00
Rosea. X. Rose-pink. 4 in. Spring.	.85	7.00
★Pink Cushion. X. Compact, free-flowering form. 3 in.	1.25	10.00
Vivid. X. Dark salmon-pink. 3 in. Spring.	1.50	12.00

Choice Varieties

	Per	Per
King Humbert. Bronze foliage; color poppy-red; very brilliant. Flowers are borne in immense trusses on strong stalks well above the foliage, the petals measuring 2 to 2½ inches across. Plant is very vigorous. Dormant Roots.	100	100.00
3-inch pot plants.	4.50	\$4.50
3-inch pot plants.	11.00	100.00

	Per	Per
COPPER GIANT. 3½ ft. Much admired in our Western Springs planting. Large attractive blooms of a coppery madder red in big clusters on stout stems; green foliage. Exceptionally free-flowering and stocky growth. If you do not know this variety, give it a trial.	7.00	60.00
3-inch pot plants.	10 for \$1.00	12.00
3-inch pot plants.	1.00	100.00

	Per	Per
EUREKA. 4 ft. Remarkably free-flowering variety, and with its striking white flowers which first appear cream, makes a very effective show in conjunction with a good scarlet such as King Humbert. Dormant Roots.	6.00	50.00
3-inch pot plants.	12.00	100.00

	Per	Per
HUNGARIA. 3½ feet. Very compact, almost dwarf, and luxuriant growth. Leaves bluish green, never burn. Flowers La France pink. Dormant Roots.	4.00	35.00
3-inch pot plants.	11.00	100.00

	Per	Per
MRS. HERBERT HOOVER. 5 ft. Strong vigorous plants with bright green foliage. Massive trusses of blooms in watermelon red. Dormant Roots.	10 for \$1.00	6.50
3-inch pot plants.	12.00	55.00

	Per	Per
LOUIS CAYEUX. 4 ft. Immense flowers of bright rosy scarlet, green foliage. Dormant Roots.	7.00	65.00
3-inch pot plants.	12.00	100.00

Standard Varieties

	Per	Per
*LOUISIANA. 6 ft. Green foliage; large; vivid scarlet.		
*WINTZER'S COLOSSAL. 5 ft. Green foliage. A striking vivid scarlet that retains its brilliancy.		

	Per	Per
Price of each of above varieties except when noted.		
Dormant Roots.	\$ 3.00	\$27.50

	Per	Per
3-inch pot plants.	10.00	90.00

(*) This mark indicates Orchid-Flowering Varieties.

PENNISETUM CUPREUM

	Per	Per
The dark bronze Fountain Grass so much admired at A Century of Progress. Does well in any sunny location with rich soil. Foliage and plumes are dark bronze and plants make a wonderful display from late July to frost.	\$2.50 doz.	\$15.00 per 100
2½-inch pot plants.		

Vaughan's Cannas	
In our list of sorts will be found all the good old standard kinds, and many of the best novelties, the inferior kinds being discarded every year as the merits of the newer ones are proven.	
Price for Dormant Roots up to APRIL 1st, after which pot plants are ready. All have green foliage unless otherwise specified; 25 at 100 rate; 250 at 1000 rate. Not less than 25 sold wholesale.	
The Big Four	
Improved Florence Vaughan Owing no doubt to a deterioration in breeding stock, plants distributed under the name of Florence Vaughan have for several years been decidedly smaller, and inferior in color to the original variety, introduced by us. Making a search for stock of the original quality, we found it in Europe, and have propagated from carefully selected specimens to produce the improved type offered here. Giant flowers of vivid golden yellow, sprinkled with fine red dots, are borne on strong 4-foot stems. In our judgment, the best of all yellows. Per 100 Per 1000	
Green foliage. 10 for \$1.00 \$7.00 \$60.00	
3-inch pot plants. 14.00 140.00	
*King Humbert 4-FT. SCARLET FLOWERS, BRONZE LEAVES, GREATEST FAVORITE, TODAY. This remarkable "Gold Medal" Canna has been the sensation of the past nine years. It is a cross between the orchid-flowering and the French or Crozy type, combining the best features of both, the large flowers of one with the free-blooming character of the other, and the handsome broad, tropical foliage. Dormant roots. 3.75	32.50
3-inch pot plants. 11.00 100.00	
*Yellow King Humbert 4 feet. An orchid-flowering sport of the well known variety King Humbert. Has the same habit of growth as its parent; foliage a very dark green, with flowers measuring 5 to 7 in. across; individual petals 3 to 3½ in. in diameter. Color of flower a deep rich yellow, softly spotted and blotched with bright red. Some plants will occasionally give a scarlet or scarlet-striped flower, which we consider an improvement rather than a defect. Dormant Roots. 3.75	32.50
3-inch pot plants. 11.00 100.00	
The President 4 ft. In color a rich glowing scarlet with immense rounded flowers seven inches across when fully open, produced on strong, erect stems well above the large green foliage. Free-bloomer and strong grower. Dormant Roots. 3.75	32.50
3-inch pot plants. 11.00 100.00	

Greenhouse Plant Department



ASPARAGUS PLUMOSUS NANUS

Prices F. O. B. Western Springs, Illinois, where we ship by Express and C. B. & Q. R. R. All orders to all states shipped subject to customers assuming risk in regard to their state entomology requirements.

We assume no transportation risks after delivering shipment in good order to the transportation company. Should customers have any cause for rejecting plants, we should suggest that they be accepted under protest, and particulars telegraphed us at once.

Soft plants are not shipped to distant points by freight.

BILLING—25 at the 100 rate; 250 at

the 1,000 rate. We charge for packing on all orders at cost.

On plants in bloom for Holidays and Easter, or on Cold Storage Stock, we cannot entertain claims for allowance in case of damage in transit, the stock being sold on a basis of actual value at Western Springs.

We list on this page only a few of the many greenhouse plants. Our special lists of small plants to grow on and plants for special occasions appear from time to time. If you do not receive your copy, write for it.

	Doz.	100	1000
ASPARAGUS Plumosus. Seedlings from flats.	\$1.50	\$10.00	
2 1/4-inch.	\$0.85	6.00	55.00
3 -inch.	1.50	10.00	
4 -inch.	3.00	22.50	
Sprengeri. Seedlings from flats.	1.50	8.00	
2 1/4-inch.	.75	5.50	50.00
3 -inch.	1.50	10.00	
4 -inch.	2.50	20.00	

BOSTON FERNS

	Each	100	
	per 1000	\$75.00	
2 1/4-inch		\$ 8.00	
4 -inch		\$0.35	30.00
5 -inch		.50	45.00
6 -inch		.75	65.00
7 -inch		.95	85.00
8 -inch		\$1.25 to 1.50	.....

COLORADO FERNS

	Each	Doz.	100
	per 1000	\$35.00	
4 -inch	\$0.40	.....	\$35.00
5 -inch	.55	.....	50.00
6 -inch	.80	.....	75.00

TABLE FERNS. Assorted varieties. 2 1/4-inch. .75 6.00
CARNATIONS { Write for our special list of Rooted Cuttings. Standard and New varieties.

FICUS ELASTICA

4-inch Pots, each.		\$0.50	
5-inch Pots, each.		.75	

NEW INTRODUCTIONS AND SPECIALTIES

AGERATUM Augusta. Tall blue variety for cut flowers or bedding. 100 1000
Rooted Cuttings. \$2.00 \$15.00

2 1/4-inch. 6.00 55.00
Cardinal Mundelein. Deep blue flowers in profusion.

Dwarf, bushy and ideal in all respects. Rooted Cuttings. 2.00 15.00

2 1/4-inch plants. 6.00 55.00
Riverside. Very dwarf, compact grower and free blooming.

Rooted Cuttings. 2.00 \$15.00
2 1/4-inch. 6.00 55.00

HELIOTROPE Centefleur. An extra free-blooming dark purple from cuttings. Blooms all summer. Doz. 100 1000

2 1/4-inch plants. \$1.00 \$7.00 \$60.00
PENNISETUM Cupreum. Our new bronze Fountain Grass. Far superior to ordinary varieties. Wonderful dark bronze coloring in foliage and plumes.

Doz. 100 1000
2 1/2-inch plants. \$2.50 \$15.00 \$145.00

PHILODENDRON Cordatum. The popular house vine, is liked better than English Ivy. Doz. 100 1000

2 1/4-inch plants. \$1.50 \$10.00 \$90.00
POTHOS Aurea Wilcoxii. New variegated Pothos much in demand.

Doz. 100 1000
2 1/4-inch plants. \$1.50 \$10.00 \$90.00

BEGONIA

	100	1000
Carmen. Bronze foliage, pink flowers. 2 1/4-inch.	\$ 6.00	\$ 55.00
Chatelaine Supreme. 2 1/4-inch.	7.00	65.00
Christmas Cheer Red. 2 1/4-inch.	6.00	55.00
Christmas Pink. 2 1/4-inch.	6.00	55.00
Luminosa. 2 1/4-inch.	6.00	55.00
Pink or Red Pearl. 2 1/4-inch.	6.00	55.00
Melior. 2 1/4-inch.	22.50	200.00



BOSTON FERN

CALADIUMS—Vaughan's Special Fancy-Leaved

	Doz.	100	1000
Rainbow Mixed.	\$2.00	\$12.00	\$110.00
Named Varieties. Our selection.	2.00	13.00	110.00
Named. Your selection of varieties on color insert.	2.25	14.00	120.00
Unusual and rare varieties. All named.	2.75	16.00	140.00

CALCEOLARIAS Vaughan's Hybrid Mixture. 2 1/4-inch.	8.00	75.00
Rosacker's New Varieties, also Pink Beauty, Stewartii, Brilliancy. 2 1/4-inch.	16.00	150.00
CINERARIAS Cremer's Prize Mixture. 2 1/4-inch.	6.00	55.00
3-inch.	9.00	80.00
CYCLAMEN Bright Red. 2 1/4-inch.	12.00	100.00
New Salmon Rose. 2 1/4-inch.	12.00	100.00
White or Salmon Scarlet. 2 1/4-inch.	12.00	100.00
Strong transplants of above Cyclamen. Ready in March.	6.00	55.00

	Doz.	100
DRACAENA INDIVISA. 2 1/4-inch.	\$0.85	\$6.00
3-inch.	1.75	12.00
4-inch.	4.00	30.00

GERANIUMS

Fiat. Dark salmon-pink. The color sells it. A good all-around variety and much in demand. 2 1/4-inch.	100	1000
Mme. Buchner. The best double white. 2 1/4-inch.	\$9.00	\$75.00
Madame Landry. Salmon-pink with darker shading. 2 1/4-inch.	6.50	60.00
Mme. Salleroi. Variegated leaves, 2 1/4-inch.	5.50	50.00
Radio Red. The best all-around red Geranium. 2 1/4-inch.	6.50	60.00
Rose. Scented leaves, 2 1/4-inch.	5.50	50.00
Wynona. A glorified Ricard type, containing more salmon hue. Very large blooms and free-flowering. 2 1/4-inch.	9.00	75.00

PELARGONIUMS

	Doz.	100	1000
Rooted Cuttings.	\$ 0.90	\$ 6.00	\$55.00
2-inch.	1.20	8.00	75.00
3-inch.	1.60	11.00	100.00

HYDRANGEAS FOR FORCING

The new list contains many of the recent American, French and German varieties offered in Rooted Cuttings and 2 1/4-inch stock for growing on as well as pot grown for forcing.

If you do not receive our list send us your requirements and we will quote.

ENGLISH IVY. Heavy, 2 1/4-inch.	100	1000
4-inch.	25.00	
PITTSBURG SELF-BRANCHING IVY. 2 1/4-inch.	6.50	60.00
4-inch.	30.00	
LANTANAS. Aurora, Radiation and Canary-yellow, 2 1/4-inch.	6.00	55.00
PANDANUS VEITCHI. 4-inch.	Each \$ 0.75	
5-inch.	1.00	Each 100
POINSETTIAS. Oak Leaf and Ruth Ecke. 2 1/4-inch.	\$10.00	\$85.00
Sansevieria Laurentia. 3-inch.	30	25.00
4-inch.	60	50.00
5-inch.	85	75.00
Sansevieria Zeylanica. 4-inch.	45	35.00
5-inch.	75	60.00
SNAPDRAGONS. Ceylon Court—yellow, Cheviot Maid—early pink, Cincinnati—pink, Afterglow—bronze, Lucky Strike—white, Miss Wooster—bronze. 2 1/4-inch.	100	1000
VERBENA BEAUTY OF OXFORD. Cerise. 2 1/4-inch.	6.00	55.00
VERBENA PINK BEAUTY OF OXFORD. 2 1/4-inch.	6.00	55.00
VERBENA Rooted Cuttings, either variety.	2.25	20.00
VINCA VARIEGATA. Rooted cuttings. 2 1/4-inch.	2.00	15.00
	5.00	45.00

During the season we grow a complete line of spring bedding plants such as Asters, Coleus, Salvia, Petunias, etc. Write for our special list.

Vaughan's Chrysanthemum Rooted Cuttings

Produced by a specialist from stock plants especially grown for cuttings and kept free from insect pests. By using these plants you get superior vigor and save on spray materials. Prices F. O. B. Barberton, Ohio.

QUANTITY DISCOUNTS

5% on 10,000 or more
7½% on 25,000 or more
10% on 50,000 or more
15% on 100,000 or more

5% on order placed two or more months before delivery date. Does not apply if delivery date is before April 1st.

Less than 25 of any variety at double the rate per 100.
10 of any variety is smallest amount sold.

LARGE FLOWERING COMMERCIAL VARIETIES

	Matures	Price per 100	Price per 1000
Adonia. Pink.....	Oct. 25	\$7.00	\$65.00
Albatross. Pure white.....	Oct. 25	12.00	100.00
Ambassador. Creamy white.....	Oct. 20	3.00	27.50
†Apricot Queen. Orange bronze.....	Nov. 1	3.00	27.50
s Betsy Ross. White.....	Nov. 5	3.00	27.50
Blazing Gold. Golden yellow.....	Oct. 25	12.00	100.00
†Bonnaffon DeLuxe. Golden yellow.....	Nov. 20	5.00	40.00
Bronze Frick. Bronze.....	Nov. 25	3.00	27.50
†Bronze Lode. Light bronze.....	Oct. 1	4.00	35.00
†Cardonia. Deep rich yellow.....	Nov. 1	3.00	27.50
†Celestra. Bright yellow.....	Oct. 10	3.00	27.50
Chattanooga. White.....	Nov. 25	3.00	27.50
†Christina. White.....	Oct. 20	3.00	27.50
s Citronella. Light yellow.....	Oct. 25	3.00	27.50
December Beauty, Imp. Pure white.....	Dec. 1	8.00	75.00
December Glory. White.....	Dec. 1	3.00	27.50
December Gold. Golden yellow.....	Dec. 5	15.00	125.00
s Detroit News. Bronze.....	Oct. 25	3.00	27.50
Distinction. Pink.....	Nov. 25	3.00	27.50
Dr. Enguehard. Rose-pink.....	Nov. 25	3.00	27.50
Edgar Stillman Kelly. White.....	Nov. 15	3.00	27.50
†Favorite. White.....	Nov. 15	3.00	27.50
Friendly Rival. Golden yellow.....	Nov. 20	3.00	27.50
Garnet King. Deep bright red.....	Nov. 20	3.00	27.50
Gladys Pearson. Light bronze.....	Nov. 25	3.00	27.50
s Glitters. Bright bronze.....	Nov. 1	3.00	27.50
†Gold Lode. Yellow.....	Oct. 1	3.00	27.50
Golden Arbina. Golden yellow.....	Nov. 25	5.00	40.00
†Golden Glory. Golden yellow.....	Nov. 1	3.00	27.50
Golden Mrs. Ross. Golden yellow.....	Nov. 30	3.00	27.50
Golden Oak. Golden bronze.....	Nov. 20	6.00	50.00
Golden Pearson. Yellow.....	Nov. 25	3.00	27.50
†Golden Wave. Yellow.....	Oct. 20	3.00	27.50
s Good News. Yellow.....	Oct. 25	3.00	27.50
Helen Frick. Pink.....	Nov. 25	3.00	27.50
s Hilda Bergen. Bronze.....	Oct. 25	3.00	27.50
†Honey Dew. Yellow.....	Nov. 15	3.00	27.50
Indianapolis Pink. Light lavender.....	Nov. 15	6.00	50.00
Indian Chief. Deep reddish bronze.....	Nov. 10	4.00	35.00
Indianola. Light bronze.....	Oct. 10	3.00	27.50
Jubilee. Clear Bonnaffon yellow.....	Nov. 15	12.00	100.00
s J. W. Prince. Light pink.....	Nov. 1	3.00	27.50
Loretta. Intense yellow.....	Nov. 30	7.00	65.00
Major Bonnaffon. Yellow.....	Nov. 20	3.00	27.50
Marie de Petris. Yellow.....	Nov. 25	3.00	27.50
Marketeer. White.....	Nov. 20	6.00	50.00
Mefo. White.....	Nov. 20	3.00	27.50
Miss Flora Bowers. White.....	Nov. 30	7.00	65.00
Monument. White.....	Nov. 15	3.00	27.50
Mrs. David F. Roy. Crimson.....	Nov. 15	3.00	27.50
Mrs. H. E. Kidder. Bright yellow.....	Oct. 25	3.00	27.50
Oak Leaf. Dark bronze.....	Nov. 25	3.00	27.50
Orchid Queen. Orchid pink.....	Nov. 10	6.00	50.00
†Peter John. Light pink.....	Nov. 25	3.00	27.50
s Pink Chief. Pink.....	Oct. 15	3.00	27.50
Pink Dawn. Light pink.....	Oct. 25	5.00	40.00
Quaker Maid. White.....	Oct. 5	3.00	27.50
Silver Sheen. White.....	Oct. 20	3.00	27.50
†Smith's Superlative. Golden yellow.....	Oct. 25	3.00	27.50
Snow White. White.....	Nov. 1	3.00	27.50
s Sunglow. Yellow.....	Oct. 25	3.00	27.50
†Sun Gold. Yellow.....	Nov. 25	3.00	27.50
†Thanksgiving Pink. Dark pink.....	Nov. 25	3.00	27.50
Tobin's Late Yellow. Yellow.....	Dec. 15	3.00	27.50
Tobin's Late Yellow, Imp. Deep yellow.....	Dec. 15	8.00	75.00
s White Chieftain. White.....	Nov. 1	3.00	27.50
White Distinction. White.....	Nov. 25	3.00	27.50
White Treasure. White.....	Dec. 15	7.00	65.00
Yellow Ambassador. Yellow.....	Oct. 20	3.00	27.50
Yellow Chattanooga, Imp. Deep yellow.....	Nov. 25	15.00	125.00
Yellow Chieftain. Yellow.....	Nov. 1	4.00	35.00
Yellow Monument. Yellow.....	Nov. 15	3.00	27.50

Twenty-Five or more at the hundred rate. Less than 25 of any variety at double the rate per hundred.

10 of any one variety is smallest amount sold.

EXHIBITION VARIETIES

	Matures	Price per 100	Price per 1000
Dr. J. M. Inglis. Wine-purple amaranth.....	Nov. 1	\$8.00	\$75.00
Golden Majestic. Bright yellow.....	Oct. 25-Nov. 1	8.00	75.00
Grace Sturgis. Wine-red.....	Oct. 20	6.00	50.00
Harvest Moon. Bright yellow. \$10.00 per doz.	Oct. 25	—	—
Louisa Pockett. White.....	Nov. 1-15	8.00	75.00
Majestic. Clear, shiny amber bronze.....	Oct. 25	8.00	75.00
Marian H. Uffinger. Bronzy crimson.....	Nov. 1	8.00	75.00
Nerissa. Rosy lavender.....	Nov. 5	8.00	75.00
Red Majestic. Bronzy red.....	Nov. 1	8.00	75.00
Thos. W. Pockett. Pink.....	Nov. 1-15	8.00	75.00
Turner, Bronze. Light bronze.....	Nov. 5	6.00	50.00
Turner, Pink (Mrs. Leslie Davis).....	Nov. 5	6.00	50.00
Turner, William. White.....	Nov. 5	6.00	50.00
Turner, Yellow. Yellow.....	Nov. 5	6.00	50.00
Vermont. Pink.....	Nov. 1-15	8.00	75.00
W. H. Waite. Bronze.....	Nov. 5	6.00	50.00
W. H. Waite, Imp. Red.....	Nov. 5	6.00	50.00
Yellow Pockett. Yellow.....	Nov. 1-15	8.00	75.00

POMPONS — Large Flowering

Under the heading of type, we attempt to classify pompons into large pompons and button types. The distinction is largely one of size; the buttons contain more of the true, compact, rounded type.

	Matures	Price per 100	Price per 1000
*Acto. Rose pink.....	Nov. 1	\$3.00	\$27.50
Arcadia. Pure white.....	Oct. 25	4.00	35.00
Avalon. Orange bronze.....	Nov. 25	3.00	27.50
Ball of Gold. Yellow.....	Nov. 20	3.00	27.50
Bristolite. Bronze.....	Nov. 25	3.00	27.50
Buttercup. Yellow.....	Dec. 5	3.00	27.50
*Capt. Blood. Red with gold tips.....	Nov. 25	4.00	35.00
s Capt. Cook. Pink.....	Oct. 20	3.00	27.50
†Carline Lee. Dark rich red.....	Oct. 20	5.00	40.00
Cavalcade. Mandarin red.....	Dec. 10	8.00	75.00
Chicago Pearl. White.....	Nov. 15	3.00	27.50
Cora Peck Buhl. Yellow.....	Oct. 25	3.00	27.50
Cordova. White.....	Nov. 25	3.00	27.50
December Glory. White.....	Dec. 5	3.00	27.50
s Derigold. Lemon yellow.....	Nov. 10	6.00	50.00
Dusky Maid. Rich red and gold.....	Nov. 25	12.00	100.00
*Edith Newberry. Orange rust.....	Nov. 5	3.00	27.50
Elizabeth Peterson. Orange bronze.....	Oct. 25	4.00	35.00
Elletra. Pure even bronze.....	Dec. 1	7.00	65.00
*Fire Ball. Bright crimson.....	Nov. 1	3.00	27.50
s Fire Bird. Red bronze.....	Oct. 25	3.00	27.50
Glow. Orange.....	Nov. 25	3.00	27.50
*Golden Fairy. Yellow.....	Oct. 25	5.00	40.00
†Golden Herald. Deep golden yellow.....	Oct. 20	3.00	27.50
Golden Modena. Deep golden yellow.....	Nov. 30	8.00	75.00
Golden Spray. Yellow.....	Oct. 15	3.00	27.50
Harmony. Red orange.....	Dec. 1	8.00	75.00
Hasegawa Gold. Yellow.....	Dec. 1	3.00	27.50
Hasegawa Orange. Deep buff.....	Nov. 10	4.00	35.00
s Jessie. Deep rose pink.....	Oct. 25	4.00	35.00
Joan Wells. Bronze.....	Oct. 25	3.00	27.50
Katherine Johnston. Orange.....	Dec. 10	7.00	65.00
Legal Tender. Bronze and gold.....	Nov. 20	3.00	27.50
Loris. Bronze.....	Dec. 1	4.00	35.00
Los Angeles. Clear scarlet.....	Nov. 15	4.00	35.00
Madeline. True pink.....	Oct. 25	4.00	35.00
Manchukuo. Chestnut sorrel.....	Nov. 10	6.00	50.00
s Mary Lennon Hall. Clear rich yellow.....	Nov. 1	3.00	27.50
Masterpiece. Tourmaline pink.....	Nov. 15	3.00	27.50
Modena. Yellow.....	Dec. 1	3.00	27.50
s Mrs. Morgan G. Bulkeley. Pink.....	Nov. 10	4.00	35.00
s Natomia. Brilliant tomato red.....	Oct. 25	15.00	125.00
Olivia. Pink.....	Dec. 1	3.00	27.50
Pasadena. Vivid bronzy orange.....	Nov. 1	4.00	35.00
Peggy Poesch. Brilliant apricot.....	Nov. 10	8.00	75.00
Perfecto. Yellow.....	Nov. 25	5.00	40.00
†Persian Rose. Rose-pink.....	Oct. 20	4.00	35.00
s Pink Dot. White with pink center.....	Oct. 25	3.00	27.50
Pink Lassie. Pink.....	Nov. 20	8.00	75.00
Pirate Gold. Rich golden bronze.....	Nov. 10	12.00	100.00
Princeton. Golden yellow.....	Nov. 15	3.00	27.50
†Red Beau. Reddish bronze.....	Nov. 25	3.00	27.50
Red Princeton. Reddish bronze.....	Nov. 15	8.00	75.00
Rising Sun. Pink.....	Nov. 10	4.00	35.00
†Rodell Imp. Yellow.....	Oct. 20	3.00	27.50
s Roman Bronze. Bronze.....	Oct. 20	3.00	27.50
Royal Crimson. Intensely rich crimson.....	Dec. 1	8.00	75.00
Royal Queen. White.....	Dec. 5	3.00	27.50
San Antonio. Pink.....	Nov. 15	7.00	65.00
s Sea Gull. White.....	Nov. 1	3.00	27.50
Sheila. Clear pink.....	Oct. 20	12.00	100.00
*Silver Ball. White.....	Oct. 15	3.00	27.50
Silver Star. White.....	Dec. 5	3.00	27.50
†Thyra. Dark pink.....	Nov. 1	3.00	27.50
Uvalda. White.....	Oct. 10	3.00	27.50
Western Beauty. Pink.....	Nov. 20	3.00	27.50
White Light. Creamy white.....	Nov. 15	7.00	65.00
White Tonquin. Pure white.....	Dec. 10	7.00	65.00
Wildfire. Orange rust.....	Dec. 1	4.00	35.00
Yellow Cordova. Yellow.....	Nov. 25	4.00	35.00
s Yellow Dot (Jablonsky). Yellow.....	Oct. 25	3.00	27.50
†Yellow Fellow. Yellow.....	Nov. 15	3.00	27.50
*Yellow Sea Gull. Yellow.....	Nov. 1	4.00	35.00
Yellow Silver Star. Yellow.....	Dec. 10	3.00	27.50
†Yuletide. White. White.....	Dec. 1	3.00	27.50
†Yuletide. Yellow. Yellow.....	Dec. 1	3.00	27.50

*—Good disbudded. †—Good as pot plants. s—For black cloth shading.

Vaughan's Chrysanthemum Rooted Cuttings

POMPONS—Button Types

	Matures	Price per	100	1000
s Adelaide. Mahogany.	Oct. 15	\$3.00	\$27.50	
Bobbie. Creamy white.	Nov. 20	3.00	27.50	
Bright Spot. Shell pink.	Oct. 25	6.00	50.00	
Christmas Gold. Bright yellow	Dec. 1	3.00	27.50	
s Crystal Jewell. White.	Nov. 20	3.00	27.50	
Dainty Maid. White, tinged with pink.	Nov. 1	3.00	27.50	
Dark Pink Jewell. Dark pink.	Oct. 15	4.00	35.00	
Dorothy Nehrling. Deep rose pink.	Nov. 15	3.00	27.50	
Fez. Deep bronze.	Nov. 10	3.00	27.50	
Gold Mine. Yellow.	Nov. 1	3.00	27.50	
s Irene. White.	Oct. 15	3.00	27.50	
s Jewell. Bright pink.	Oct. 10	3.00	27.50	
s Lois. Golden yellow.	Nov. 15	3.00	27.50	
Martello. White.	Dec. 5	7.00	65.00	
s Minong. White.	Oct. 20	3.00	27.50	
s Mrs. Mary Hooker. Red.	Nov. 15	3.00	27.50	
s New York. Bronze.	Nov. 15	3.00	27.50	
s Nuggets. Yellow.	Oct. 25	3.00	27.50	
October Snow. Pure white.	Oct. 15	7.00	65.00	
Ottawa. Orange bronze.	Nov. 25	5.00	40.00	
Penguin. White.	Nov. 10	4.00	35.00	
Pink Pearl. Pink.	Oct. 20	8.00	75.00	
s Robin Hood. Rich deep red.	Nov. 1	3.00	27.50	
s Silver Bells. White.	Oct. 15	3.00	27.50	
Yellow Dainty Maid. Yellow.	Nov. 1	4.00	35.00	
s Yellow New York. Yellow.	Nov. 15	3.00	27.50	

ANEMONE FLOWERED VARIETIES

	Matures	Price per	100	1000
*Beautiful Lady. Bright pink.	Nov. 20	\$3.00	\$27.50	
*Betty Rose. Pink.	Oct. 25	3.00	27.50	
*Blanche. White.	Oct. 30	3.00	27.50	
*Bronze Norma. Bronze.	Nov. 20	3.00	27.50	
*Bronze Supreme. Bronze with pink cast.	Nov. 30	5.00	40.00	
*Bronze Tuxedo. Bronze.	Nov. 10	4.00	35.00	
Chrome Emerald. Golden orange.	Nov. 25	3.00	27.50	
*Citrus Queen. Lemon orange.	Nov. 25	3.00	27.50	
*Crimson Glow. Crimson maroon.	Nov. 25	3.00	27.50	
*Dark Pink Norma. Dark pink.	Nov. 20	3.00	27.50	
Early Garza Supreme. White.	Nov. 25	3.00	27.50	
Elsa Piel. Orchid pink.	Nov. 10	8.00	75.00	
*Espy's Dark Pink Supreme. Pink.	Nov. 30	3.00	27.50	
*Espy's Pink Ruffled. Pink.	Nov. 30	8.00	75.00	
*Espy's White Supreme. White.	Nov. 30	4.00	35.00	
*Estrelita. Bronze throughout.	Nov. 20	3.00	27.50	
Faith Engel. Yellow.	Nov. 15	8.00	75.00	
*Freida. Pink.	Dec. 15	3.00	27.50	
Garza Supreme. White.	Nov. 10	8.00	75.00	
*Helios. Yellow.	Nov. 25	8.00	75.00	
*Hope Engel. Rich bronze.	Nov. 25	8.00	75.00	
*John Shields. Yellow.	Nov. 10	3.00	27.50	
*Little America. Snow-white.	Nov. 5	4.00	35.00	
*Long Island Beauty. White.	Nov. 20	4.00	35.00	
*Marietta. Soft pink.	Oct. 20	3.00	27.50	
*Maritza. Bright yellow.	Nov. 25	3.00	27.50	
*Norma. Orchid pink.	Nov. 20	3.00	27.50	
*Orchid Beauty. Orchid.	Nov. 15	3.00	27.50	
*Red Rolinda. Red.	Nov. 20	3.00	27.50	
*Rolinda. Orange bronze.	Nov. 20	3.00	27.50	
*Smith's Innocence. White.	Nov. 5	3.00	27.50	
*Susanne Miller. Yellow.	Nov. 20	3.00	27.50	
*The Titan. Scarlet crimson.	Nov. 5	3.00	27.50	
*Tuxedo. Pink.	Nov. 10	3.00	27.50	
*White Anemone. White.	Nov. 1	3.00	27.50	
*White Norma. White.	Nov. 20	3.00	27.50	
*Yellow Blanche. Yellow.	Oct. 30	3.00	27.50	
*Yellow Estrelita. Yellow.	Nov. 20	4.00	35.00	
Yellow Garza Supreme. Yellow.	Dec. 15	3.00	27.50	
*Yellow Rolinda. Deep golden yellow.	Nov. 20	3.00	27.50	
*Yellow Supreme. Yellow.	Nov. 30	4.00	35.00	

SINGLE VARIETIES—DAISY TYPE

	Matures	Price per	100	1000
Absolute. Scarlet bronze.	Nov. 1	\$3.00	\$27.50	
*Buckingham. Bronze. Bronze.	Nov. 5	3.00	27.50	
*Buckingham. W. H. Pink.	Nov. 5	3.00	27.50	
California Gold. Deep yellow.	Nov. 15	7.00	65.00	
California Peach. Delicate pink.	Oct. 25	7.00	65.00	
*Carnelia. Red.	Nov. 30	3.00	27.50	
*Clara Holford. Warm red.	Nov. 10	8.00	75.00	
Dawn (Hasegawa). Chestnut bronze.	Dec. 5	3.00	27.50	
Fairy Queen. Intense orchid pink.	Nov. 15	8.00	75.00	
Golden Mensa. Yellow.	Nov. 10	3.00	27.50	
Gretchen Piper. Yellow.	Oct. 25	3.00	27.50	
Hasegawa Pink. Pink with gold center.	Nov. 20	3.00	27.50	
Hasegawa Poinsettia. Poinsettia red.	Nov. 25	3.00	27.50	
*Jane. Yellow.	Nov. 30	4.00	35.00	
Japanese Red. Venetian red.	Nov. 1	4.00	35.00	
s Joan Piper. Amber bronze.	Oct. 20	3.00	27.50	
Joe Beuerlein. Crimson red.	Dec. 5	4.00	35.00	
Kramer's Buff Orange. Light bronze orange.	Nov. 10	4.00	35.00	
*Mason's Bronze. Burnt orange.	Nov. 5	3.00	27.50	
*Melba. Reddish bronze.	Nov. 5	3.00	27.50	
Mrs. A. Kramer. Clear solid pink.	Nov. 5	4.00	35.00	
*Red Melba. Red.	Nov. 5	3.00	27.50	
*Red Rover. Crimson orange.	Nov. 5	3.00	27.50	
*Sunburst. Sunburst orange.	Nov. 25	3.00	27.50	
*Sunny Boy. Yellow.	Nov. 15	3.00	27.50	
*Tagoya. Brilliant goya red.	Nov. 5	3.00	27.50	
*Valencia. Orchid pink.	Nov. 30	3.00	27.50	
White Mensa. White.	Nov. 10	3.00	27.50	

*Good disbudded. †Good as pot plants. s—For black cloth shading.

Twenty-five or more at the hundred rate. Less than twenty-five of any variety at double the rate per hundred.

10 of any one variety is smallest amount sold.

POT PLANT VARIETIES

In addition to varieties listed here as essentially intended for pot plant culture, many of the varieties listed under Pompons are excellent as pot plants. Short and medium sorts should be used for this purpose. A number of such varieties are denoted by the character (†).

	Matures	Price per	100	1000
*Bright Light. Bright yellow.	Nov. 20	\$3.00	\$27.50	
*Bronze Prince. Bronze.	Nov. 1	3.00	27.50	
*Caprice. Butler. Deep pink.	Oct. 25	3.00	27.50	
*Floradora. Light bronze florets.	Nov. 1	3.00	27.50	
*Greystone. Golden orange.	Nov. 10	3.00	27.50	
*Kathleen Thompson. Bronze.	Oct. 25	3.00	27.50	
Ohio State. Yellow.	Nov. 1	3.00	27.50	
*Patty. Pink.	Nov. 25	3.00	27.50	
*Pink Beauty. Light pink.	Oct. 20	3.00	27.50	
Pomponette. Primrose yellow.	Early Oct.	15.00	125.00	
*Pygmy. Light pink.	Nov. 10	3.00	27.50	
*Queen of Pinks. Pink Mandel.	Nov. 10	7.00	65.00	
*Richard Mandel. Pure white.	Nov. 10	7.00	65.00	
*Rose Mandel. Deep lavender.	Oct. 20	3.00	27.50	
*Titian Beauty. Bronze.	Nov. 25	3.00	27.50	
*W. H. Lincoln. Yellow.	Nov. 25	3.00	27.50	
*Yellow Beauty. Bright golden yellow.	Nov. 10	7.00	65.00	

ODD-FORMED—FEATHERY AND THREADLIKE VARIETIES

	Matures	Price per	100	1000
Benten. Bronze and deep red tips.	Nov. 10	\$6.00	\$50.00	
Japanese Maiden. Yellow.	Nov. 25	6.00	50.00	
Patricia Grace. Shell pink.	Nov. 5	6.00	50.00	
Peggy Ann Hoover. Lavender.	Nov. 5	6.00	50.00	
Pride of Tokyo. Creamy pink.	Nov. 10	6.00	50.00	
The Dean. White.	Nov. 1	6.00	50.00	
Unique. Rich wine-red.	Dec. 1	6.00	50.00	
Yellow Taggart. Yellow.	Nov. 1	6.00	50.00	

HARDY VARIETIES

	Matures	Price per	100	1000
A. Barham. Orange bronze.	Oct. 1	\$3.00	\$27.50	
Albert Muller. Apricot suffused pink.	Oct. 1	3.00	27.50	
Aladdin. Bronze.	Sept.	3.00	27.50	
*Amelia. (Pink Cushion) Bright pink.	Sept.	3.00	27.50	
Barbara Cummings. Yellow to bronze.	Sept.	3.00	27.50	
Carrie. Yellow.	Early	3.00	27.50	
Cavalier. Rich vermilion-red.	Oct. 15	3.00	27.50	
*Early Bronze. Bronze.	Sept.	3.00	27.50	
*Early Yellow. Yellow.	Sept. 15	3.00	27.50	
*Eden. Rose pink.	Oct. 1	3.00	27.50	
Francis Whittlesy. Rich bronze and garnet.	Sept. 30	3.00	27.50	
Ganna. Bright pink.	Oct. 12	3.00	27.50	
*Gilda. Soft pink.	Sept.	3.00	27.50	
Granny Scovill. Warm coral bronze.	Oct. 15	3.00	27.50	
Gypsy Girl. Chestnut crimson.	Early Oct.	3.00	27.50	
Indian Summer. Bronze.	Oct. 25	3.00	27.50	
Jean Cummings. White.	Sept.	3.00	27.50	
Jean Treadway. Pink with dark centers.	Oct. 1-10	3.00	27.50	
Lorelei. Yellow.	Sept. 10	3.00	27.50	
Normandie. White.	Sept.	3.00	27.50	
Provence. Soft pink blended with yellow.	Sept.	3.00	27.50	
Red Flare. Bright red.	Oct. 15	3.00	27.50	
R. Marion Hatton. Canary yellow.	Oct. 1-10	3.00	27.50	
Rosy Gem. Bright pink or rose.	Oct. 15	3.00	27.50	
Ruth Cummings. Reddish bronze.	Early Oct.	3.00	27.50	
Ruth Hatton. Ivory white.	Oct. 10	3.00	27.50	
September Queen. White.	Sept. 15	3.00	27.50	
Wolverine. Yellow.	Sept.	3.00	27.50	
*Yellow Gem. Canary yellow.	Oct. 5-10	3.00	27.50	
Yellow Normandie. Yellow.	Early	3.00	27.50	

HARDY KOREAN VARIETIES

	Matures	Price per	100	1000
Agnes Selkirk Clark. Apricot salmon.	Sept. 25	\$4.00	\$35.00	
Aphrodite. Pink.	Oct. 15	3.00	27.50	
Apollo. Bronze red.	Oct. 12	3.00	27.50	
Ceres. Old gold.	Oct. 10	3.00	27.50	
Ember. Coral and orange bronze.	Oct. 15	4.00	35.00	
Innocence. White.	Sept.	3.00	27.50	
King Midas. Yellow.	Sept. 30	4.00	35.00	
Louise Schling. Bronze salmon.	Oct. 5	3.00	27.50	
Mercury. Blend of old rose and salmon.	Sept. 30	3.00	27.50	
Nancy Copeland. Red.	Sept. 25	4.00	35.00	
Orion. Canary yellow.	Oct. 5	3.00	27.50	
Pink Lustre. Orchid pink.	Sept. 25	4.00	35.00	
Romany. Reddish bronze.	Oct. 5	3.00	27.50	
Saturn. Bronze.	Oct. 12	4.00	35.00	
The Moor. Amaranth purple.	Sept. 25	4.00	35.00	
Vulcan. Bronze crimson.	Oct. 5	3.00	27.50	

*Good disbudded. †Good as pot plants. s—For black cloth shading.

Hardy German Iris

"S" refers to the three standard or upright curling petals. "F" refers to the three falls or drooping petals.

All prices are F.O.B. Western Springs, Ill., packing charges to be added to cost.

	Each	10	100
Alcazar. "S" light bluish violet; "F" rich velvety crimson-purple. A very rich and striking flower.	....	\$0.50	\$3.00
Alta California. 48 in. Superb flowers of deep golden yellow, faintly bronzed. An extra fine new yellow.	\$0.20	1.75	....
Ambassadeur. Late. "S" fascinating smoky purple; "F" velvety purple maroon. Very popular.	....	.50	3.00
Black Wings. 38 in. Large flowers of intense midnight blue overlaid with a frosty black lustre.	.20	1.50	....
Buechley Giant. 40 in. Clear lavender-blue bicolor of perfect form and sensational size.	.25	2.00	....
Canopus. 36 in. Dominion seedling. "S" reddish violet; "F" rich pansy violet.	....	.50	4.00
Caprice. "S" reddish purple; "F" deeper purple.	....	.50	4.00
Clara Noyes. 38 in. Of sensational coloring, a brilliant blending of red, orange and yellow.	.15	1.20	10.00
Coralie. 38 in. A vividly colored blend of pink and red. Unusually lovely flowers of fine form.	.75	6.00	....
Corrida. 30 in. Small flowers of exquisite pure blue. Ideal for cutting and for table decoration.	....	.50	3.00
Crystal Beauty. 40 in. Large, perfectly shaped flowers of pure snow-white on well branched stalks.	.40	3.50	....
Dauntless. 40 in. One of the brightest red Irises. A brilliant rose-red self with flaring falls that appear darker because of their velvety quality.	....	.20	1.50
Depute Nomblot. 50 in. "S" coppery red, flushed bronze; "F" rich claret crimson. A magnificent Iris.	.20	1.50	....
Dream. 36 in. "S" and "F" soft clear pink. A beautiful Iris of Pallida type.	....	.50	3.00
Empress of India. 36 in. Beautiful light violet-blue.	....	.50	3.00
Ethelwyn Dubuar. Very fine large flowers of deep pink with delightful ruffling. Decidedly bigger and better than any other in its color class.	.25	2.00	15.00
Frieda Mohr. 42 in. A gigantic pink-toned Iris of perfect form and brilliant coloring. Fragrant.	.15	1.00	8.00
Gold Imperial. 33 in. Chrome yellow throughout except for conspicuous orange beard.	.15	.75	5.00
Grace Sturtevant. 36 in. Rich colored and showy. "S" dark red-brown, with darker velvety falls.	....	.15	1.20
Gudrun. 36 in. Enormous, well shaped flowers of lovely pure white, dusted with soft gold at the throat.	.50	4.00	....
Happy Days. 40 in. An immense clear yellow that usually carries 7 to 8 massive blooms to the stalk.	.75	6.00	....
Helios. 44 in. Enormous, luminous lemon-yellow.	.20	1.50	....
Imperial Blush. 40 in. A beautiful large blush pink.	.30	2.50	....
Indian Chief. 40 in. "S" beautiful reddish pink; "F" deep rich glowing velvety red. Very striking.	....	1.00	8.00
Jean Cayeux. 38 in. A beautiful blending of coffee brown with a golden glint. A masterpiece.	.50	4.00	....
Juniata. Clear blue flowers, large and fragrant.	....	.50	3.00
King Juba. 38 in. "S" pure clear yellow; "F" wide, deep velvety red. A striking variegata.	.15	1.20	....
King Tut. 34 in. A brilliant red-brown bicolor.	.15	1.00	8.00
Labor. 36 in. "S" dark violet heliotrope; "F" a deeper shade. An absolutely new color.	....	.60	4.00
Lady Byng. A beautiful Iris of clear pale lavender with a slight suffusion of rose.	....	.50	3.00
Lord of June. "S" happy lavender-blue; "F" rich violet-blue. An exceedingly handsome Iris.	....	.60	4.00
Los Angeles. 40 in. Giant, snowy white flowers of satin texture; standards edged lavender-blue.	.20	1.50	12.00
Mary Geddes. 38 in. "S" salmon flushed yellow; "F" same shade overlaid Pompeian red. Very fine.	.35	....	....
Monsignor. 24 in. Lavender and violet. Blooms a long time.	....	.50	3.00
Mother of Pearl. 48 in. A pale bluish lavender flower of exceptional substance.	....	.50	3.00
Mrs. Walter Brewster. 36 in. Lavender and aniline blue.	....	.50	3.00
Prospero. "S" pale lavender flushed with yellow at base; "F" deep red-purple with lighter shadings at margin. Deep orange beard. Strong grower.	....	.50	3.00
Princess Beatrice. Silvery lavender.	....	.75	5.00
Rameses. 36 in. A large blend of russet rose, pink and buff. Attracts immediate attention.	.15	1.00	8.00
Sensation. 48 in. Enormous cornflower blue flowers of perfect form and heavy substance.	.15	1.20	....
Sir Michael. 48 in. Considered by many the finest blue bicolor. "S" opalescent lavender-blue; "F" velvety purple.	....	.20	1.50
Souv. de Mme. Gaudichau. "S" Bradley's violet; "F" brilliant black-purple.	....	.10	.80
Sweet Lavender. 36 in. Rosy lavender with fine fragrance.	....	.50	3.00
Venus de Milo. 49 in. Pure white with a rich creamy tone. Large flowers of perfect form.	.20	1.50	12.00
Vesper Gold. 42 in. A new distinct yellow suffused with violaceous reflections. A beautiful Iris.	....	.60	4.00

GERMAN IRIS—Continued.

	Each	10	100
Wm. Mohr. 26 in. Large flower of pale lilac, beautifully veined manganese-violet.	\$0.15	\$1.20

Named Varieties to Color, blue, lavender, purple, orchid, pink, yellow, bronze or red. 5 of one color supplied at 10 rate; 25 of one color at 100 rate. 10, 50c; 100, \$3.00.

FALL BLOOMING IRIS

These varieties bloom in the spring with the early-flowering varieties and have a habit of blooming again in the autumn.

	Each	10	100
Autumn King. 30 in. A large blue-purple bicolor.	....	\$0.80	\$7.00
Autumn Queen. A white companion to the Autumn King.	....	\$0.15	1.20
Eleanor Roosevelt. 28 in. Deep velvety purple self.	.15	1.20	10.00
Golden Harvest. 18 in. "S" olive yellow, veined bluish at the haft; "F" citron yellow.	.25	2.00	....
Jean Siret. 15 in. A dwarf yellow that blooms for a long time in both spring and fall and often in midsummer too.	.15	1.20	10.00
Lieutenant de Chevagnac. 15 in. Deep red-violet with same habits as Jean Siret.	.20	1.50	....
Southland. 28 in. Clear chrome yellow of good size.	.35	....	....
Ultra. 14 in. A beautiful ultramarine blue bicolor. Fall bloomer.	....	.80	6.00

VARIOUS IRIS

	Each	10	100
Cristata. Early. A dwarf creeping variety with large blue flowers. Fine for use in rock garden.	1.25	10.00
Dichotoma (Vesper Iris). Dainty blue flowers, beautifully marked, that open in the afternoon. Blooms profusely during the month of August.25	2.00
Dorothea K. Williamson. A beautiful beardless Iris with large velvety flowers of vivid purple.20	1.75
Monnier. 48 in. Golden yellow flowers of excellent form.20	....
Pseudacorus (Common Yellow Water Flag). Bright yellow. Fine for waterside plantings.	1.25	10.00
Versicolor (Common American Water Flag). Showy violet-blue. Blooms for a long time.	1.00	8.00
PUMILA Hybrida. 6 to 8 in. Dwarf varieties that bloom two weeks in advance of the German Iris.
Dixmude. "S" aniline blue; "F" rich purple.60	4.00
Orange Queen. Clear deep yellow.75	5.00
Spring Skies. Lovely pale blue.80	6.00
White	1.00	8.00

SIBERIAN IRIS

The most delicate and elegant of all small flowered Irises. They grow on tall stems, have graceful, grass-like foliage, and are excellent for cutting. Always ornamental.

	Each	10	100
Butterfly. Lovely porcelain blue.	\$0.60	\$4.00
Emperor. Large flowers of deep violet-blue.60	4.00
Geo. Wallace. (Azure blue) "F" marked white.60	4.00
Orientalis. Rich, deep purple.50	3.00
Perry's Blue. A tall, beautiful variety, excellent for cutting. Large, well formed flowers of sky-blue.60	4.00
Mixed.50	3.00

JAPANESE IRISES (Kaempferi)

	Each	10	100
Gold Bound. White with gold banded center. Double. Early.20	1.75
Iso-No-Nami. Suffused rose and blue over white. A large double; late.25	2.00
Kumochi-Guma. Dark purplish indigo. Midseason. Double.20	1.75
Mahogany. Velvety mahogany-red. Double.25	2.00
Momigi-No-Taki. Variegated rosy carmine. Double.25	2.00
Norma. Exquisite silvery lavender-pink with clear blue halo surrounding a yellow blotch at center. Fine large double. The best pink Iris.45	4.00
Purple and Gold. Rich violet-purple. Gold center. Double. Midseason.20	1.75
Seacrest. Six large wavy white petals with a deep blue haft.20	1.75
Uchiu. Cerulean blue, veined white. Gold center. Double.20	1.75
Violet Beauty. Single. Velvety pansy-violet with conspicuous yellow center. Large flowers.35	3.00

NEW JAPANESE IRIS

	Each	10	100
Eleanor Parry. Double. Claret-red flowers, flamed white and blue.35	....
Kamata. Single, dark velvety sky-blue, white veins.35	....
Rose Anna. Ivory-white with heavy ruby-red veins; center yellow; stigmas dark plum. A fine double.35	....
Templeton. Double, large mahogany-red of pleasing tone; sturdy grower.35	....

Vaughan's Dahlias

In Vaughan's Gardening Illustrated are listed a number of newer varieties that are not listed in this catalogue. If interested in getting any of these, the trade is offered a discount of 33 1/3% on all varieties listed in Vaughan's Gardening Illustrated. This does not apply to any Special Offers listed therein; on these we offer a discount of 15%.

In the following list we offer varieties that we can supply in tubers of suitable size for planting. We advise early ordering to prevent disappointment in case the variety selected should be sold out.

KEY TO ABBREVIATIONS. F.D., Formal Decorative; I.D., Informal Decorative; S.C., Semi-Cactus; Str. C., Straight Cactus; S., Show.

PINK TONES

	Doz.	100
A. D. LIVONI. (S.) A beautiful soft pink with quilled petals	\$1.25	\$ 8.00
CAVALCADE. (F.D.) A beautiful shade of old rose or mulberry pink. A free and continuous bloomer. A good grower with long wire stems that carry the flowers facing	2.50	18.00
CLARA CARDER. (F.D.) A beautiful shade of Cyclamen pink. Blooms very large on strong stems. Vigorous grower	3.50	20.00
COUNTESS OF LONSDALE. (Str.C.) A delicate apricot, shading to carmine-pink. Good stem	2.50	18.00
JERSEY'S BEAUTY. (F.D.) The most popular Dahlia. Lavender-pink. Fine stem and foliage	1.50	10.00
JOSEPHINE G. (S.C.) A beautiful true rose-pink flower with petals tipped yellow	2.50	18.00
MRS. ALFRED B. SEAL. (F.D.) Pure rich glowing old rose on perfect stem	2.00	15.00
MRS. IDEVER WARNER. (F.D.) Large flowers of deep mauve-pink. Can be grown to a diameter of 11 inches	.85	6.00
PEACH BEAUTY. (F.D.) A peach-colored variety. A free bloomer with medium sized flowers on strong long stems	2.50	18.00
W. H. T. (F.D.) A rich old rose with mauve shading on reverse. Flowers carried on strong stems	1.50	10.00

RED TONES

BAGDAD. (F.D.) An immense flower of flaming scarlet red, borne high above the foliage so that it may be seen all over the garden. A prolific bloomer; flowers are of great size and fine for exhibition	1.75	12.00
CHALLENGER. (S.C.) Brilliant cardinal red of large size and perfect stems. Plant is a strong, vigorous grower with insect-resistant foliage. Splendid for exhibition	3.75	25.00
CITY OF WELLSTON. (F.D.) Rhodamine purple. Flowers of large size and perfect quality on long, straight stems	2.00	15.00
CORNELIA BRYCE PINCHOT. (I.D.) A glowing burgundy red of large size and perfect form. This variety has won many prizes on the show table and is recommended for exhibition purposes	2.50	18.00
DWIGHT W. MORROW. (I.D.) A rich cardinal red of large size. Strong, robust grower	3.00	20.00
GERTRUDE BRINTON. (F.D.) True brick red. Large, well-shaped flowers carried on strong stems. Medium height	1.75	12.00
HUNT'S VELVET WONDER. (I.D.) A rich violet-purple. The huge blooms can be grown to immense size and are fine keepers for so large a flower. A strong grower with heavy disease-resistant foliage	3.00	20.00
JANE ROSS. (I.D.) Bright crimson overlaid with velvety maroon. Flowers of large size, depth, and substance, keeping well on the bush or after cutting. It attains a height of 5 to 6 ft., with many branches, each terminating with a giant bloom held erect	3.00	20.00
JERSEY'S BEACON. (F.D.) Chinese scarlet with a paler reverse, giving a two-toned effect	1.25	8.00
KENTUCKY RED. (I.D.) A brilliant scarlet; there is no color just like it. Blooms 8 to 11 inches on long stiff stems	3.00	20.00
MRS. C. D. ANDERSON. (S.) Rich, clear purple. Flowers large and almost round in form	1.50	10.00
MRS. GEO. LE BOUTILLIER. (I.D.) A rich velvety carmine giant in size and outstanding in all respects	2.50	18.00
MRS. GEO. M. MIDDLETON. (I.D.) Extremely dark red color, nearest to a black Dahlia. A thrifty grower with good stems	2.50	18.00
MONMOUTH CHAMPION. (F.D.) A brilliant flame color. Free bloomer	1.50	10.00
MURPHY'S MASTERPIECE. (I.D.) A dark red shading toward garnet. It will withstand sun without fading or burning. Large blooms held on strong stems. A strong grower. Each, 60c	6.00	.....
OMAR KHAYYAM. (F.D.) A Chinese red at the base of petals, shading to a bright orange with paler tips. Strong grower with large blooms on good stems	2.50	18.00
RED JUG. (S.C.) Dark cardinal red in color sometimes with petals, tipped gold. Blooms are of large size, carried on long stiff stems. A popular garden and exhibition variety. Each...50c	5.00	.....
SATAN. (S.C.) A flaming red with a slight touch of gold at the center. Strong grower with heavy foliage and heavy stems	3.00	20.00

YELLOW TONES

AVALON. (I.D.) Clear yellow. Large flowers on long stems	1.25	8.00
BUCKEYE KING. (F.D.) A large glowing amber yellow on strong stems. Free bloomer and good grower	2.50	18.00
GOLD MEDAL. (S.) Deep golden yellow, tipped and suffused oriental red, splendid form	1.75	12.00
KAY FRANCIS. (S.C.) A light lemon-yellow with fine shaped blooms on long stiff stems. Very free bloomer	3.00	20.00
MARY HELEN. (S.) A wonderful golden primrose. One of the best ball type. Large, perfect and fine stem	1.50	10.00
MARY BAKER. (I.D.) A fine clear deep yellow. One of the earliest and most free blooming Dahlias	2.50	18.00
SULTAN OF HILLCREST. (F.D.) Clear deep lemon-yellow, reverse rosy pink. A unique and unusual color effect that immediately attracts attention. Huge deep blooms on strong stems	2.50	18.00
TOWERS EMPIRE. (I.D.) Color is clear gold with amber shadings. Stems are exceptionally long and straight, holding the large blooms well above foliage	5.00	35.00

WHITE TONES

	Doz.	100
MARGARET WOODROW WILSON. (I.D.) Face of petals creamy white, reverse Phlox-pink	\$0.85	\$ 6.00
STAR OF BETHLEHEM. (S.C.) Pure white with fine pointed petals and tight center. Free bloomer and will produce exhibition blooms	3.00	20.00
WHITE KING. (F.D.) A pure white large-flowering Dahlia of fine form and substance with strong stems	1.50	10.00
WHITE WONDER. (I.D.) A truly white Fort Monmouth. The giant blooms are pure white with long twisted and curled petals	2.00	15.00

LAVENDER and VIOLET SHADES

CLARA BARTON. (F.D.) Face of petals silvery orchid, reverse of petals deep lavender. Good grower and strong stems	2.50	18.00
HARRY MAYER. (F.D.) A silver lavender with reverse of deep lavender. Sturdy growing habit and heavy texture	1.75	12.00
JEAN TRIMBEE. (I.D.) A rich deep petunia-violet of immense size carried well above foliage on stiff stems	2.50	18.00
KEMPS VIOLET WONDER. (I.D.) A rich Naphthaline-violet with tone of royal purple	2.50	18.00
SANHICAN'S BLUEBIRD. (I.D.) The outer petals at maturity are bright violet-blue, while the center retains the violet tint; the nearest approach to a blue Dahlia	3.00	20.00
THOMAS A. EDISON. (F.D.) A royal purple with a brilliant rich finish. The size is large and the petals are of a stag-horn formation	3.00	20.00

ORANGE TONES

GREAT EASTERN. (I.D.) Color is a blend of orange and reddish bronze. Blooms very large carried on strong stems. A free bloomer from early to late season. Strong grower with heavy foliage, Each	65c	6.50
KENTUCKY. (F.D.) A brilliant salmon. A thrifty grower and prolific bloomer	1.75	12.00
ORIENTAL GLORY. (I.D.) Color is a cadmium-orange overlaid with scarlet. Center and reverse heavily shaded scarlet. Very free bloomer	2.50	18.00
PALO ALTO. The color is bright salmon with deep primrose shading at the center. The flowers, of good substance and size up to 12 inches across by 6 inches in depth, held high above the foliage on straight, stiff stems. A strong healthy grower	3.50	25.00
R. A. BROOMFIELD. (I.D.) A fair sized flower of great depth. The color is saffron orange suffused rose, always covered with flowers	2.50	18.00
ROSE FALCON. (F.D.) Dark orange tinted with amber and salmon and both pleasing and effective. Strong grower	1.50	10.00
RUDY VALLEE. (S.C.) Reddish apricot, gold center. Good sized flowers held well above foliage on straight stem	5.00	35.00
SAGAMORE. (F.D.) A golden color, shaded toward the center with warm salmon-rose or orange-buff	1.50	10.00

AUTUMN TONES

A Combination of Several Colors

EDNA FERBER. (S.C) Glistening coral, shading to rose. Large perfect flowers on fine stems	3.00	20.00
JANE COWL. (I.D.) A large flower of a warm buff and old gold blending to a bright salmon at the center	1.50	10.00
MYRA HOWARD. (I.D.) A glowing combination of yellow, cadmium and gold with tints of salmon	1.50	10.00

POMPONS

CATHERINE. Bright yellow, good form and stem	.85	6.00
EDITH MUELLER. A bright cerise pink. A fine cutting variety	1.25	8.00
EUREKA. Yellow, shading to bronze	.75	5.00
LITTLE HERMAN. Cardinal red shaded maroon tipped white	.85	6.00
MARY MUNNS. Fuchsia overlaid orchid sheen, long stems	1.75	12.00
ROSA WILMOTH. Small fine formed rose-pink	.85	6.00
SNOWCLAD. Pure white, one of the best	.85	6.00

MINIATURE DAHLIAS

BABY ROYAL. Salmon-pink and apricot with gold shadings. Very free bloomer	1.25	8.00
BUCKEYE BABY. (F.D.) Gold buff, early, long lasting and one of the most successful for exhibition and cutting	2.00	15.00
FAIRY. A violet-rose shading mauve at tips	1.25	8.00
NESTHACKSCHON. (S.C.) Color buff suffused soft lilac. An artistic miniature when pastel shades are desired. Free flowering and good growing habits	2.00	15.00
ORCHID LADY. (I.D.) A soft orchid without any shading. A very attractive cut flower on good stem	2.50	18.00
PERSIMMON. (F.D.) Soft russet orange, best of its color	1.75	12.00
SANHICAN'S SWEETHEART. (S.C.) Color ochreous buff suffused rose-red, this is a fine companion for Baby Royal. Low growing bushes always covered with blooms	3.00	20.00
WHITE CLOUD. (F.D.) Pure white, good stem and fine growth	2.50	18.00

SINGLE DAHLIA

AMERICAN GEM. A brilliant geranium red with heavy cluster of deep yellow stamens in center	.75	5.00
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Un-Named Dahlias

DOUBLE DAHLIAS TO COLOR. Good varieties in red, pink, white, yellow, variegated and lavender, strong divisions of field roots, per 1,000, \$45.00	.75	5.00
Mixed strong division, per 1,000, \$30.00	.50	3.50

Less than six tubers at double the 100 rate.



PATENTED ROSE BLAZE

THE Best Grade Field Grown Roses. Each variety grown by a specialist using the correct method to produce the highest quality. We have listed only the varieties considered best, but we control large stocks of all the popular varieties and will be glad to quote you on your requirements.

PRICES listed are for two-year No. 1 field grown, dormant plants.

Five or more of one variety take the 10 rate; 25 or more of one variety take the 100 rate.

All prices are F. O. B. Western Springs, Ill., packing charges to be added at cost. Subject to change without notice.

PATENTED ROSES

These "Patented Plants" are being handled under license from the patent owners. They are for resale at retail only at the established retail prices.

Amelia Earhart. (Patent No. 63.) Large ovoid bud, cream with blushes; flowers very full, graduating from a deep yellow center to an outer collarette of large, cream petals with a blush overtone; fragrant. Each, 75c; 10, \$7.00; 100, \$60.00.

Angels Mateau. (Patent No. 174.) Enormous, full double, deliciously fragrant flowers of an extraordinary color of orange old-rose. Strong plants with healthy foliage. Each, 75c; 10, \$7.00; 100, \$60.00.

Apricot Glow. Cl. (Patent No. 200.) A magnificent climber with large trusses of medium size, double flowers of a bright apricot color shading yellow at the base. Strong grower and profuse bloomer. Each, 60c; 10, \$5.50; 100, \$50.00.

Betty Prior. Floribunda. (Pat. applied for.) Exquisite single pink blooms, in large clusters. Each, 60c; 10, \$5.50.

Blaze. Cl. (Patent No. 10.) A new hardy climbing rose which inherits the blazing color in Paul's Scarlet Climber and the everblooming habit of Gruss an Teplitz. Each, 60c; 10, \$5.50; 100, \$50.00.

Countess Vandal. (Patent No. 38.) The Rose of Roses! Long pointed bud of bronze, copper-salmon and gold; open often 5 inches across; perfumed. Long stems. Each, 60c; 10, \$5.50; 100, \$50.00.

Crimson Glory. (Patent No. 105.) Large urn-shaped buds and well formed flowers of vivid crimson shaded ox-blood red. Vigorous branching growth. Each, 75c; 10, \$7.00; 100, \$60.00.

Donald Prior. Floribunda. (Pat. applied for.) Large, semi-double bright scarlet blooms. Each, 60c; 10, \$5.50.

Doubloons. Cl. Setigera Hyb. (Patent No. 152.) A vigorous climber with heavy wood and handsome glossy foliage. When in bloom the whole plant is covered with large, double, rich golden buff blooms, fading but little; fragrant. Gives two liberal crops six weeks apart if the first spring blossoms have not been cut. Each, \$1.00; 10, \$9.00; 100, \$75.00.

Eclipse. (Patent No. 172.) International Rose sensation of last year. The long streamlined buds are of rich gold without shading. Petals are large and tough, averaging 20 to 25 with more in autumn. Comes with slogan "It Eclipses 'em All." Each, 75c; 10, \$7.00; 100, \$60.00.

Roses for Florists

PATENTED ROSES—Continued.

Flash Cl. (Patent applied for.) Vividly colored new Climber, growing about 7 ft. tall. Flowers glowing orange-scarlet, back of petals yellow, suffused scarlet. Prolific bloomer for several weeks. Each, 70c; 10, \$5.50; 100, \$50.00.

Golden State. (Patent No. 303.) Long stemmed very double, long lasting cut flowers of unfading golden yellow on vigorous healthy plants. Each, \$1.00; 10, \$9.00; 100, \$75.00.

Mabelle Stearns. (Patent No. 297.) Rosa Setigera Hybrid Dooryard Rose. Very hardy plants growing 2 feet high and spreading 6 to 8 feet or more if permitted. The full double flowers of peach-blossom-pink are produced in panicles from June until frost. Rich green healthy foliage. Each, \$1.40; 10, \$12.50; 100, \$100.00.

Mme. Cochet-Cochet. (Patent No. 129.) Beautiful new Rose with long-pointed buds and fine flowers of coppery pink, flushed orange. Free blooming. Each, 65c; 10, \$6.00; 100, \$50.00.

McGredy's Pink. (Patent No. 341.) Beautiful bright pink enlivened with salmon and rose. Large sweet-scented blooms on stiff stems. A fine exhibition and garden rose. Each, \$1.00; 10, \$9.00; 100, \$75.00.

McGredy's Sunset. (Patent No. 317.) Soft yellow flushed with orange and scarlet as it opens. Color is intensified as blooms expand and is at its best when fully opened. Full shaped flowers freely borne on strong upright stems. Excellent in hot weather. Each, \$1.00; 10, \$9.00; 100, \$75.00.

Miss America. (Pat. No. 264.) Wonderful new garden rose; healthy, hardy and fragrant. Color is flesh with salmon and gold suffusion. Each, 60c; 10, \$5.50; 100, \$50.00.

Poinsettia. (Pat. rights reserved.) The most dazzling red rose we have ever seen. Ideal buds open into large, semi-double beautiful scarlet blooms. Each, 65c; 10, \$6.00.

President Boone. (Pat. No. 314.) A gorgeous red rose, largest of them all. Very double, deep velvety crimson. Each, 60c; 10, \$5.50.

Rex Anderson. (Patent No. 335.) Beautiful new white with an overcast of ivory. Handsome buds and large blooms. Each, \$1.00; 10, \$9.00.

R.M.S. Queen Mary. (Patent No. 249.) Sensational new garden rose. Its color is a glorious blend of rich glowing salmon and exquisite pure pink, with an orange base. Long pointed buds and large flowers of beautiful form. Each, \$1.00; 10, \$9.00; 100, \$75.00.

Rochester. (Patent No. 131.) Seedling of Rev. F. Page Roberts and Echo. A lovely constant flowering bedder. Color of bud is like Roberts, but with more distinct carmine markings on the reverse and more blush in the open flower. Each, 50c; 10, \$4.50; 100, \$40.00.

Rome Glory. (Patent No. 304.) Best described as a red Dame Edith Helen. A very hardy, robust and vigorous plant. Produces large, full, well-formed, fragrant cerise-red blooms on long stems. Flowers long-lasting on the plant or when cut. Each, \$1.00; 10, \$9.00; 100, \$75.00.

Signora. (Patent No. 201.) This rose is a real masterpiece. Long bud of a warm burnt sienna opening to a lighter hue toward mandarin. Has handsome foliage and long stems for cutting. Each, 75c; 10, \$7.00; 100, \$60.00.

Snowbank. Floribunda. (Patent No. 279.) Low-growing Polyantha with large panicles of semi-single, blush-white flowers, turning to pure white. Always in bloom. Each, 60c.

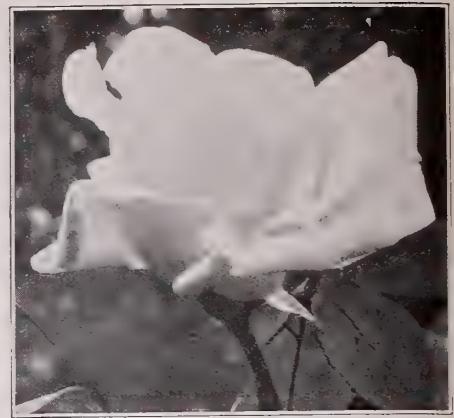
Sterling. (Patent No. 21.) Beautiful clear pink flowers with orange base; bud pointed and very lasting when cut. It is a vigorous grower, has disease-resistant foliage and blooms very freely. Each, 60c; 10, \$5.50; 100, \$50.00.

Texas Centennial. (Patent No. 162.) A sport of President Hoover with all its wonderful plant qualities. Color is blood-red, toning to cerise red in center. Most striking new red. Of unusual color. Each, 50c; 10, \$4.50; 100, \$40.00.

The New Dawn. Cl. (Patent No. 1.) A sport from Dr. Van Fleet, identical in size, color, etc., but blooms continuously summer and fall. Each, \$1.00; 10, \$9.00; 100, \$75.00.

White Briarcliff. (Patent No. 108.) Of perfect form, plant branching and a continuous bloomer. The best white rose to date for all purposes. Each, 60c; 10, \$5.50; 100, \$50.00.

Will Rogers. (Patent No. 256.) Fine blooms of black crimson maroon which holds well. Very vigorous and has a really intense old-rose fragrance. Each, 65c; 10, \$6.00.



PATENTED ROSE DOUBLOONS

Hybrid Tea Roses

PRICES of the following: Each 40c; 10, \$3.50; 100, \$30.00.

Betty Uprichard. Semi-double, salmon-pink flowers stained with copper-pink on the outside.

Briarcliff. Long, pointed buds; high centered rose-pink blooms. Fine for cutting; fragrant.

Caledonia. Long, pointed buds opening into very white blooms.

Dame Edith Helen. Large, perfectly shaped rose of clear pink. Sweet scented and freely produced on long, strong stems.

Edith Nellie Perkins. Buds long and pointed, petals cream and blush and salmon-pink shaded to golden orange at base.

E. G. Hill. Long, perfectly formed buds and full double flowers of dazzling scarlet.

Etoile de Hollande. of magnificent size and perfect form; very fragrant.

Golden Dawn. Very double, fragrant flowers of soft lemon-yellow. Very fine garden variety.

Gruss an Teplitz. Brilliant red. One of the most prolific bloomers of all.

Joanna Hill. A creamy yellow rose with an orange heart. Large, long pointed buds on long, strong stems; vigorous.

Kaiserin Auguste Viktoria. Delicate creamy white flowers of beautiful form.

Lady Alice Stanley. Extra good garden rose, very double; large silvery pink; very disease free.

Margaret McGredy. Flowers are large, quite double, and in color a glorious shade of brilliant orange scarlet.

Mme. Butterfly. with all the colors of Ophelia intensified, making it a harmony of bright pink, apricot and gold.

Mrs. Charles Bell. (Shell-Pink Radiance.) Beautiful salmon-shell-pink. Has all the excellent qualities of Radiance.

Mme. Jules Bouche. Very popular garden White, sometimes lightly tinted pink. Fragrant.

McGredy's Scarlet. Large flowers of brilliant rose-red with scarlet sheen.

Mrs. E. P. Thom. Fine long buds opening into perfectly shaped flowers of rich lemon-yellow.

Mrs. Henry Bowles. Well formed, fragrant flowers of brilliant pink with salmon shadings.

Mrs. Pierre S. Du Pont. Reddish gold buds opening into fragrant deep golden yellow flowers. Fragrant, always in bloom.

Mrs. Sam McGredy. A beautiful new variety, unsurpassed for its elegant, shapely buds. Flowers coppery scarlet-orange, flushed dull red.

President Herbert Hoover. A lovely blend of orange-yellow, flame, vivid rose-pink and scarlet.

Radiance. Bright rose-pink, shining flowers of wonderful shape and fragrance. Very popular.

Red Radiance. A bright, cheerful and even shade of pure red; size, foliage, growth and habit same as in the parent "Radiance."

Souv. De Claudius Pernet. The most popular clear yellow rose.

Talisman. A remarkable blending of gold, apricot, yellow, deep pink and old-rose.

Famous Hybrid Tea Roses

PRICES of the following, except where noted, Each, 45c; 10, \$4.00; 100, \$35.00.

Christopher Stone. Classed with Etoile de Hollande and Crimson Glory as one of the three finest red Roses in existence. Produces quantities of brilliant, glowing, velvety scarlet blooms of good form. Each 60c; 10, \$5.50; 100, \$50.00.

Condesa De Sastago. Spectacular rose of fiery copper on the inside and yellow on the reverse.

Cynthia. Well-formed buds and full double flowers of rich glowing oriental red or brilliant carmine. Vigorous grower and good cut flower variety.

Duquesa de Pendaranda. Large double flowers of cinnamon-peach color, darker in fall.

Editor McFarland. Clear brilliant pink on long cutting stems. Extra fine.

Hinrich Gaede. Rich, reddish burnt-orange, eventually turning to soft orange-pink. Its unusual beauty attracts much attention.

Leonard Barron. Mammoth flowers of salmon with an amber glow. Extremely hardy.

Mme. Joseph Perraud. (New.) Long, slender pointed, nasturtium-orange buds which open to sweetly fragrant flowers of a charming nasturtium-buff, flushed pink at the margins. Each, 50c; 10, \$4.50; 100, \$40.00.

Max Krause. Fine golden yellow for outdoor use — a gold that stays gold. Very double blooms. Each, 50c; 10, \$4.50; 100, \$40.00.

McGredy's Ivory. Perfectly shaped, ivory white buds open into magnificent blooms of perfect form.

Pink Dawn. Extra long buds of glistening rose-pink, excellent for cutting. Heavy bloomer. Each, 50c; 10, \$4.50; 100, \$40.00.

Rouge Mallerin. Fragrant, long lasting, full double blooms of rich glowing scarlet which does not fade or blue. Strong, vigorous grower. Each, 50c; 10, \$4.50; 100, \$40.00.

Southport. Fine flowers of an exceedingly brilliant scarlet which is unaffected by the weather. Very showy and probably the most brilliant of all scarlet roses.

Souv. De Mme. C. Chambard. Large, perfectly formed flowers of coral-pink, tinted peach.

Our Roses are all Hardy, Northern Grown, 2-year, Heavy No. 1 Grade.

Hardy Hybrid Perpetual Roses

PRICES of the following, except where noted, 2-year, No. 1, Each, 40c; 10, \$3.50; 100, \$30.00.

Frau Karl Druschki (White American Beauty). The best white.

Gen. Jacqueminot. Bright shining crimson.

Magna Charta. Very double bright pink.

Mrs. John Laing. Bright shining pink.

Ulrich Brunner. Cherry crimson.

Climbing Roses

PRICES, except where noted, Each, 40c; 10, \$3.50; 100, \$30.00.

Bonfire. Best red rambler. Many heavy trusses of small double crimson-scarlet blooms.

Chaplin's Pink Climber. A vivid, pure pink Climber.

Climbing American Beauty. Large double flowers freely produced in June.

Dorothy Perkins. The best of the pink ramblers. Each, 35c; 10, \$3.00; 100, \$25.00.

Dr. W. Van Fleet. A delicate shade of flesh-pink, deepening in the center.

Mary Wallace. Large, semi-double flowers, usually 4 inches across, of clear rose-pink with salmon base.

Mme. Gregoire Staechelin. Enormous blooms of iridescent pearl-pink, splashed carmine.

Paul's Scarlet Climber. Large, well-shaped flowers of a vivid scarlet red that does not fade.

Primrose. Large, double flowers of a soft, rich primrose-yellow, borne in clusters of 4 and 5.

Silver Moon. Beautiful, fragrant, semi-double flowers 4½ inches and over, of creamy white.

See "Patented Roses" for other varieties.

POT GROWN ROSES

From May 1st on we can supply practically all varieties listed from 5-inch pots, in leaf and in bud, at reasonable prices. We shall be glad to quote on any quantity.

Vaughan's Peonies
WHITE AND LIGHT SORTS

8.8 **Alsace Lorraine.** Creamy white, center tinted Havana brown. Very beautiful form; late midseason...

8.7 **Avalanche.** A magnificent flower which opens like a rose. Pure snow-white, with a few penculings of carmine on the edge of the center petals. Delightfully fragrant; late midseason. A very good cut flower and cold storage variety...

9.0 **Baroness Schroeder.** Immense flowers of great substance with high chalice-shaped center. Opens a delicate flesh-white, sometimes a soft baby-pink, changing to creamy white. One of our best cut flower varieties and an excellent keeper in storage....

9.1 **Frances Willard.** Exquisite blush-white, of good substance and a fine cut flower variety....

7.9 **Madame de Verneville.** Delicate rose-white, very desirable. June rose fragrance. Each....

	Each	10	100
	\$0.20	\$1.50	\$12.00
	.20	1.50	12.00
	.25	1.75	15.00
	.30	2.50	20.00
	.20	1.50	12.00

LIGHT AND DARK PINK AND ROSE

8.7 **Claire Dubois.** Clear, satiny pink, with glossy reflex. Late midseason....

7.6 **Edulis Superba.** Usually blooms for Decoration Day. The flowers are a beautiful deep, vivid pink, with a silvery reflex, and are borne profusely on tall, strong stems. One of the best of all Peonies for cut flowers in its color and season; very fragrant....

8.8 **E. G. Hill.** Carmine rose; early midseason....

7.9 **Georgiana Shaylor.** Pale rose-pink; midseason....

7.9 **Mad. Ducel.** The color and form of this variety are almost identical with those of the popular Mons. Jules Elie, but the size of the bloom is smaller and there are more of them. A fine midseason variety for cutting....

9.0 **Sarah Bernhardt.** One of the best pink Peonies in the world. Tall, vigorous grower and prolific bloomer. The color is a dark rose-pink, edged lighter pink; center flecked crimson. Fine cut flower and storage variety; late midseason....

7.5 **La Tulipe.** Delicate pink, outer petals striped with red tulip markings; midseason; fragrant....

	Each	10	100
	.30	2.00	15.00
	.20	1.25	10.00
	.30	2.00	15.00
	.40	3.00	25.00
	.20	1.25	10.00
	.35	2.50	20.00
	.20	1.00	8.00

**Standard or Tree Roses**

We can offer the following varieties on heavy straight stems, 3 to 3½ ft. high. Price, \$2.00 each. Etoile de Hollande, Frau Karl Druschki, Margaret McGredy, Mme. Joseph Perraud, Mrs. E. P. Thom, Paul's Scarlet Climber, President H. Hoover, Radiance, Red Radiance, Talisman.

Polyantha and Baby Roses

PRICES of the following, Each, 40c; 10, \$3.50; 100, \$30.00.

Cecile Brunner. Exquisite buds opening to clusters of light pink blooms diffused to cream at base. Also called "Sweetheart Rose."

Gloria Mundi. (New.) Double, lasting flowers of glowing orange-scarlet, borne in large clusters.

Improved Lafayette. Semi-double, deep glowing red, suffused vivid crimson. Large sprays; in bloom all the time.

Mrs. R. M. Finch. Fragrant clusters of large double rose-pink flowers. Vigorous.

Pink Gruss an Aachen. Orange-red and yellow buds, and large full flowers of glowing salmon-pink, with deeper center, fading lighter.

Triomphe Orleans. Brilliant cherry-red, lasting in color; blooms profusely in trusses. Considered the finest of the light red Polyanthas.

5 of a Kind at the 10 Rate—25 of a Kind at the 100 Rate

We have put the following varieties in storage and can only supply them in divisions from 3 to 5 eyes while the stock lasts.

Peonies may be planted in early spring with good results.

RED AND CRIMSON

	Each	10	100
8.4 Felix Crousse. Large globular blooms of rich, even, brilliant, dazzling ruby-red; late midseason. Good cut flower and storage variety.....	.20	1.50	12.00
8.2 Grover Cleveland. Rich dark crimson; late.....	.25	2.00	15.00
8.8 Karl Rosefield. Very large flower, globular, semi-rose type. Extremely vigorous grower; tall, early.....	.20	1.50	12.00
9.0 Longfellow. Bright crimson. Semi-rose type; tall; late midseason.....	.30	2.50	20.00
8.6 Officinalis Rubra Plena. Old-fashioned early red usually in bloom by Decoration Day.....	.40	3.50	25.00

Tenuifolia Flora Plena (Double Fern-leaf Peony). Brilliant dark crimson. Very early. Each, \$1.25; 10, \$10.00.

UNNAMED PEONIES—Divided Roots of from 3 to 5 Eyes

	Each	10	100
Double Pink.....	\$0.15	\$1.00	\$ 8.00
Double White.....	.15	1.20	9.00
Double Red.....	.20	1.25	10.00
Double Mixed.....	.15	1.00	6.00

3 to 5 Eye Divisions

CASE LOT No. 1 (Value \$18.00) for \$15.00	CASE LOT No. 2 (Value \$22.50) for \$20.00	CASE LOT No. 3 (Value \$31.50) for \$28.00
75 Unnamed dbl. Pink	75 Edulis Superba	50 Baroness Schroeder
50 " " White	75 Avalanche	75 Sarah Bernhardt
75 " " Red	75 Felix Crousse	75 Karl Rosefield
The above 200 roots, for \$15.00	The above 200 roots, for \$20.00	The above 200 roots, for \$28.00

Ornamental and Flowering Shrubs

Warning—Prices on all nursery stock subject to change without notice. 5 plants of one kind supplied at 10 rate. 25 plants of one kind supplied at 100 rate.



PHILADELPHUS *Virginalis*



LILAC *Japonica (Japanese)*



EUONYMUS *Radicans Vegetus*

OUR shrubs are nursery-grown and are transplanted every two or three years. They are nice, shapely bushes with plenty of good fibrous roots, and are such plants as are in demand by the first class retail trade. They should not be compared to stock that is never moved from the cutting or seeding beds until sold. Our Nursery is located at Western Springs, 15 miles west of Chicago, on the C. B. & Q. R. R., two blocks south of 47th Street, on Wolf Road.

Visitors are invited to inspect our stock at any time. We have a choice lot of specimens such as are not usually seen. Our customers will be pleased with the class of stock we send them.

	Each	10	100
ACANTHOPanax <i>Pentaphyllum</i> . 2 to 3 ft.	\$0.30	\$2.50	\$20.00
3 to 4 ft.	.35	3.00	25.00
4 to 5 ft.	.40	3.50	30.00
5 to 6 ft.	.50	4.00	35.00
ALMOND. See <i>Prunus glandulosa</i> .			
ALTHAEA. See <i>Hibiscus</i> .			
AMELANCHIER <i>Canadensis</i> (Downy Shadblow).	.40	3.00	
2 to 3 ft.	.25	2.00	15.00
3 to 4 ft.	.30	2.25	17.00
ARALIA <i>Spinosa</i> (Devil's Walking Stick).	.40	3.50	30.00
4 to 5 ft.	.50	4.50	
5 to 6 ft.	.75	6.50	
6 to 8 ft.			
ARONIA <i>Melanocarpa Nigra</i> . 3 to 4 ft.	.50	4.50	
4 to 5 ft.	.60	5.00	
AZALEA <i>Kaempferi</i> (Torch A.). 15 to 18 in., B. & B.	1.35	12.50	
18 to 24 in., B. & B.	1.65	15.00	
Kaempferi Hybrids, Mixed			
18 to 24 in., B. & B.	2.00		
Mollis (Chinese Azalea) 9 to 12 in., B. & B.	.75	6.50	
12 to 15 in., B. & B.	1.00	9.00	75.00
15 to 18 in., B. & B.	1.50	12.50	
18 to 24 in., B. & B.	2.00	17.50	
2½ to 3 ft., B. & B.	4.50		
BERBERIS <i>Koreana</i> (Korean Barberry). 15 to 18 in.	.35	3.00	20.00
18 to 24 in.	.40	3.50	30.00
Mentorensis. (Patent No. 99) (New Evergreen Barberry). 15 to 18 in.	.40	2.75	20.00
18 to 24 in.	.50	3.35	25.00
Thunbergii 15 to 18 in.	.15	1.25	10.00
18 to 24 in.	.20	1.50	12.00
24 to 30 in.	.25	2.00	16.00
Thunbergii <i>Atropurpurea</i> . 15 to 18 in.	.20	1.75	15.00
18 to 24 in.	.30	2.50	20.00
24 to 30 in.	.50	4.00	30.00
Thunbergii <i>Erecta</i> (Truehedge Columbines). (Patent No. 110) 15 to 18 in.	.25	1.75	13.50
18 to 24 in.	.30	2.10	17.00
Prices on Berberis <i>Mentorensis</i> and <i>Berberis Erecta</i> are F. O. B., Painesville, Ohio.			
BUDDELEIA <i>Alternifolia</i> . 18 to 24 in.	.40	3.00	25.00
DUBONNET (New Red). Field grown.	.50	4.00	35.00
Fortune. (Patent No. 206). Field grown.	.40	3.50	25.00
Hartwegi. Field grown.	.30	2.50	20.00
Charming (New Pink). Field grown.	.30	2.50	20.00
Ile de France. 2-year. No. 1.	.30	2.25	18.00
CALYCANTHUS <i>Floridus</i> (Sweet Shrub). 18 to 24 in.	.30	2.00	
2 to 3 ft.	.35	2.50	
CARAGANA <i>Arborescens</i> . 3 to 4 ft.	.25	1.75	15.00
4 to 5 ft.	.30	2.00	17.50
5 to 6 ft.	.35	2.50	20.00
CHIONANTHUS <i>Virginica</i> . 3 to 4 ft.	.60	5.50	
18 to 24 in.	.40	3.50	

Shipping Directions: All stock is sold F. O. B. Western Springs. Packing charges to be added on all orders for shrubs, dormant roses, fruits, trees, evergreens, and vines, at cost. Always give full explicit shipping directions, as our responsibility ends on delivery to the express or freight office in good condition. All trees, shrubs, and plants shipped subject to customer assuming risk regarding his own State Nursery Inspection Regulations. Certificate furnished with each shipment.

Where personal selection of stock is made at our Nursery we charge according to its value.

	Each	10	100
CORNUS <i>Alba Sibirica</i> (Coral Dogwood). 2 to 3 ft.	\$0.20	\$1.75	\$14.00
3 to 4 ft.	.25	2.00	
4 to 5 ft.	.30	2.25	18.00
Amomum. 2 to 3 ft.	.20	1.75	14.00
3 to 4 ft.	.25	2.00	16.00
4 to 5 ft.	.30	2.25	18.00
Baileyi. 3 to 4 ft.	.25	2.00	16.00
Elegantissima Variegata. 2 to 3 ft.	.50	4.00	
Florida Rubra. See page 65.			
Mas (Cornelian Cherry). 2 to 3 ft.	.50	4.50	
Paniculata. 2 to 3 ft.	.35	2.50	20.00
3 to 4 ft.	.40	3.00	25.00
4 to 5 ft.	.45	3.50	27.50
Stolonifera Flaviramea (Goldentwig Dogwood).			
2 to 3 ft.	.25	1.75	15.00
3 to 4 ft.	.30	2.00	17.50
Stolonifera (Red Osier). 2 to 3 ft.	.25	2.00	15.00
COTONEASTER <i>Acutifolia</i> . 2 to 3 ft.	.30	2.75	25.00
3 to 4 ft.	.40	3.50	30.00
Divaricata. 2 to 3 ft.	.30	2.50	20.00
3 to 4 ft.	.40	3.00	25.00
4 to 5 ft.	.50	4.00	30.00
Horizontalis.			
18 to 24 in., B. & B.	1.25	10.00	
24 to 30 in., B. & B.	1.50	12.50	
Racemiflora <i>Soongarica</i> . 3 to 4 ft., B. & B.	1.00	9.00	
CRAB, See <i>Malus</i> , page 65.			
CRATAEGUS. See page 65.			
CYDONIA <i>Japonica</i> . 18 to 24 in.	.25	2.00	17.50
2 to 3 ft.	.35	3.00	
DAPHNE <i>Cneorum</i> . 8 to 9 in., B. & B.	.50	4.50	
9 to 12 in., B. & B.	.75	7.00	60.00
10 to 13 in., B. & B., heavy forcing grade.			8.00
DEUTZIA <i>Gracilis</i> . 15 to 18 in.	.35	3.00	25.00
Lemoinei. 18 to 24 in.	.35	3.00	25.00
ELAEAGNUS <i>Angustifolia</i> . 3 to 4 ft.	.35	3.00	20.00
Argentea (Silverberry) 4 to 5 ft.	.50	4.00	
ELSHOLTZIA <i>Stauntoni</i> (Heathermint). 18 to 24 in.	.40	3.50	
EUONYMUS <i>Alatus</i> (Burning Bush). 2 to 3 ft.	.50	4.00	
3 to 4 ft.	.75	7.00	
Alatus <i>Compacta</i> . 3½ to 4 ft.	1.50		
4 ft. specimens.	1.75		
Europaeus (European Burning Bush). 2 to 3 ft.	.30	2.50	20.00
3 to 4 ft.	.35	3.00	25.00
4 to 5 ft.	.40	3.50	30.00
EUONYMUS <i>Radicans</i> (Winter Creeper).			
12 to 15 in.	.30	2.50	
15 to 18 in.	.40	3.50	
Radicans <i>Colorata</i> (Bronze Winter Creeper). Foliage bright red during the winter months. 12 to 15 in.	.30	2.50	18.00
15 to 18 in.	.35	3.00	20.00
18 to 24 in.	.40	3.50	25.00

Please Tell Us How to Ship. We Express Unless Otherwise Instructed.

All Prices are F. O. B. Our Nurseries, Western Springs, Ill.

ORNAMENTAL SHRUBS—Continued.

EUONYMUS—Continued.

	Each	10	100
<i>Radicans Vegetus</i> (Bigleaf Wintercreeper). A trailing evergreen vine with large leaves. Excellent as a ground-cover and for use with evergreens. Orange-scarlet berries in fall. 12 to 15 in.	\$0.50	\$4.00	\$30.00
15 to 18 in., B. & B.	.90	7.50	
15 to 18 in.	.60	5.00	40.00

EXOCHORDA <i>Grandiflora</i> . 4 to 5 ft.	.40	3.00	25.00
5 to 6 ft.	.50	4.00	30.00

FORSYTHIA <i>Intermedia</i> . 2 to 3 ft.	.20	1.50	12.00
3 to 4 ft.	.25	1.75	14.00
4 to 5 ft.	.30	2.00	16.00
5 to 6 ft.	.35	2.25	18.00

Intermedia Spectabilis . 2 to 3 ft.	.20	1.80	14.00
3 to 4 ft.	.30	2.00	18.00
4 to 5 ft.	.40	3.00	25.00
<i>Ovata</i> . 2 to 3 ft.	.50	4.50	

Suspensa Fortunei . 2 to 3 ft.	.20	1.50	12.00
3 to 4 ft.	.25	2.00	17.50
4 to 5 ft.	.30	2.25	20.00
5 to 6 ft.	.35	2.50	20.00

FUCHSIA <i>Riccartoni</i> Scarlet Beauty. New Plant Sensation (Propagation Rights Reserved). A hardy variety of upright growth to 3 ft. Will bear, from June until severe frosts, thousands of flowers 1½ inches long, of rose-red with corolla of mulberry purple. We offer two sizes, either field grown or 3-inch pot plants.	.35	2.70	24.00
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HAMAMELIS <i>Vernalis</i> (Winterblooming Witch Hazel). 2 to 3 ft.	.75	6.00	
3 to 4 ft.	1.00	9.00	

HIBISCUS <i>Syriacus</i> (Rose of Sharon), (Althaea).			
Double Purple, Pink, Red or White. 3 to 4 ft.	.30	2.50	20.00
Single Red or White. 3 to 4 ft.	.30	2.50	20.00

HYDRANGEA <i>Arborescens Grandiflora</i> .			
2-year, 18 to 24 in.	.30	2.50	20.00
3-year, 2 to 3 ft.	.35	3.00	25.00

<i>Opuloides</i> (Blue H.).	.75	7.00	
<i>Paniculata Grandiflora</i> . 2-year, 18 to 24 in.	.30	2.50	20.00

3-year, 2 to 3 ft.	.35	3.00	25.00
<i>Quercifolia</i> . (Oakleaf H.) 18 to 24 in.	.50	4.50	40.00

HOLODISCUS <i>Discolor</i> (Ocean Spray).	.60	5.00	
2 to 3 ft.			

ILEX <i>Opaca</i> (American Holly). 3 to 4 ft., B. & B.		3.00	
ILEX <i>Verticillata</i> (Common Winterberry). 2 to 3 ft.	.45	4.00	35.00

3 to 4 ft.	.50	4.50	
KALMIA <i>Latifolia</i> (Mountain Laurel). 18 to 24 in., B. & B.	1.75		

KERRIA <i>Japonica</i> fl. pl. 2 to 3 ft.	.60	5.50	
KOLKWITZIA <i>Amabilis</i> . 4 to 5 ft.	.75	6.50	

5 to 6 ft.	1.00	9.00	
LIGUSTRUM <i>Amurensis</i> (Amoor Privet, North).			

18 to 24 in. 4 canes.	1,000, \$37.50	.50	4.00
2 to 3 ft., 4 canes	1,000, \$60.00	.75	6.50
3 to 4 ft., heavy, 2-yr. cut back.	1,000, \$100.00	1.50	12.00

<i>Ibolium</i> . 18 to 24 in. Heavy cut back.	1,000, \$65.00	.90	7.00
2 to 3 ft., 2-yr. heavy	1,000, \$75.00	1.00	8.00
3 to 4 ft., heavy	1,000, \$100.00	1.50	12.00

<i>Ibota</i> . 2 to 3 ft., 2-yr. heavy		1.25	10.00
3 to 4 ft., 2-yr. heavy	1,000, \$120.00	1.75	15.00

<i>Ibota Regelianum</i> .	.40	3.00	25.00
Chinese Elm Hedging—See <i>Ulmus Pumila</i> under Trees, page 66.			

LILAC , See <i>Syringa</i> .			
LONICERA (Bush Honeysuckle).			

<i>Bella Albita</i> . 3 to 4 ft.	.25	2.00	15.00
4 to 5 ft.	.30	2.00	18.00
5 to 6 ft.	.40	2.50	20.00
6 to 8 ft.	.45	3.00	25.00

<i>Demissa</i> . 2 to 3 ft.	.30	2.50	
3 to 4 ft.	.40	3.00	

Fragrantissima (Winter Honeysuckle). 3 to 4 ft.	.40	3.50	
<i>Korolkowii Floribunda</i> . 2 to 3 ft.	.40	3.50	

3 to 4 ft.	.50	4.50	
<i>Maackii Podocarpa</i> (Late Honeysuckle). 3 to 4 ft.	.40	3.50	30.00

4 to 5 ft.	.50	4.00	35.00
5 to 6 ft.	.60	5.00	40.00

<i>Morowii</i> . 3 to 4 ft.	.25	2.00	17.50
4 to 5 ft.	.30	2.50	20.00
5 to 6 ft.	.35	2.75	22.50

<i>Ruprechtiania</i> . 2 to 3 ft.	.20	1.75	15.00
3 to 4 ft.	.25	2.00	18.00
4 to 5 ft.	.30	2.50	20.00

5 to 6 ft.	.35	3.00	20.00
<i>Tatarica Alba</i> . 2 to 3 ft.	.20	1.25	15.00

3 to 4 ft.	.30	2.50	20.00
4 to 5 ft.	.35	3.00	25.00

<i>Tatarica Rosea</i> . 3 to 4 ft.	.25	2.00	18.00
4 to 5 ft.	.30	2.50	20.00
5 to 6 ft.	.35	2.75	22.50

MAHONIA <i>Aquifolium</i> (Oregon Hollygrape).	.50	4.00	
12 to 15 in., B. & B.	.60	5.00	45.00
18 to 18 in., B. & B.	1.00	9.00	75.00

MORUS <i>Alba Tatarica</i> (Russian Mulberry).	.25	2.00	15.00
3 to 4 ft.	.30	2.50	20.00
4 to 5 ft.	.35	2.50	20.00

PHILADELPHUS <i>Avalanche</i> (Syringa), 2 to 3 ft.	.25	2.00	16.00
3 to 4 ft.	.30	2.50	18.00
<i>Bouquet Blanc</i> . 2 to 3 ft.	.30	2.50	20.00

3 to 4 ft.	.35	3.00	25.00
<i>Coronarius</i> . 3 to 4 ft.	.20	1.75	14.00

4 to 5 ft.	.25	2.00	16.00
5 to 6 ft.	.30	2.50	18.00
<i>Favorite</i> . 2 to 3 ft.	.30	2.50	

3 to 4 ft.	.40	3.50	25.00
<i>Glacier</i> . 2 to 3 ft.	.30	2.50	
3 to 4 ft.	.40	3.50	25.00

ORNAMENTAL SHRUBS—SPIRAEA—Continued.	Each	10	100
Froebelei. 18 to 24 in.	\$0.20	\$1.20	\$9.00
24 to 30 in.	.25	1.50	10.00
30 to 36 in.	.30	2.00	12.00
Latifolia. 3 to 4 ft.	.30	2.00	15.00
4 to 5 ft.	.35	2.50	17.50
Prunifolia Plena (Double Bridalwreath). 3 to 4 ft.	.50	4.00	
Thunbergii. 18 to 24 in.	.20	1.75	15.00
24 to 30 in.	.25	2.00	17.50
3 to 4 ft.	.30	2.50	20.00
Trichocarpa (Korean S.). 2 to 3 ft.	.25	2.00	17.50
3 to 4 ft.	.30	2.50	20.00
Van Houttei (Bridalwreath). 2 to 3 ft.	.15	1.20	10.00
3 to 4 ft.	.25	1.50	12.00
4 to 5 ft.	.30	1.75	14.00
5 to 6 ft.	.35	2.00	16.00

SYMPHORICARPOS

Racemosus (Snowberry). 2 to 3 ft.	.20	1.50	12.00
3 to 4 ft.	.25	1.75	14.00
Vulgaris (Indian Currant). 2 to 3 ft.	.20	1.50	12.00
3 to 4 ft.	.25	1.75	14.00

SYRINGA (Lilac) Japonica. 4 to 5 ft.

5 to 6 ft.	.60	4.50	40.00
6 to 8 ft.	.70	6.00	50.00
	.90	7.50	

Josikaeae.

3 to 4 ft.	.40	3.00	25.00
4 to 5 ft.	.50	4.00	35.00
Persian Purple. 2 to 3 ft.	.30	2.25	20.00
3 to 4 ft.	.35	2.50	22.50
4 to 5 ft.	.40	2.75	25.00
5 to 6 ft.	.50	4.00	30.00
Villosa. 3 to 4 ft.	.35	3.00	25.00
4 to 5 ft.	.40	3.50	30.00
5 to 6 ft.	.50	4.00	
Vulgaris Purpurea. 2 to 3 ft.	.25	1.75	14.00
3 to 4 ft.	.30	2.00	16.00
4 to 5 ft.	.35	2.50	20.00
5 to 6 ft.	.40	3.50	30.00
6 to 8 ft.	.75	6.50	

NAMED FRENCH VARIETIES.

Berryer, Charles Joly, Edouard Andre, Michael Buchner, Montaigne. 2 to 3 ft.	.60	5.50	
Berryer, Charles Joly, Michael Buchner, Montaigne, Claude Bernard. 3 to 4 ft.	.75	7.00	
Claude Bernard, Montaigne, Michael Buchner. 4 to 5 ft.	1.00	9.00	
Claude Bernard, Montaigne, Michael Buchner. Pres. Grevy. 5 to 6 ft.	1.50		

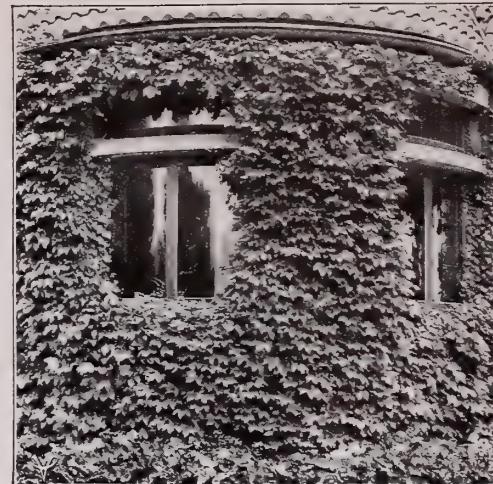
SPECIAL OFFER FRENCH HYBRID LILACS:

Named varieties, our selection, beautiful assortment of singles and doubles.	Each	10	100
3 to 4 ft.	\$0.60	\$5.00	\$45.00
4 to 5 ft.	.75	6.00	50.00
5 to 6 ft.	.90	7.50	65.00

Each	10	100	
Rhum Von Horstenstein, Marechal Lannes, Pres. Fallieres, Pres. Poincare. 2 to 3 ft.	\$1.25		
Marechal Lannes, Pres. Poincare, Jan Van Tol. 3 to 4 ft.	1.50		
TAMARIX Africana. 3 to 4 ft.	.25	\$2.00	\$15.00
4 to 5 ft.	.30	2.25	16.00
5 to 6 ft.	.35	2.50	18.00
Amurensis. 3 to 4 ft.	.25	2.00	18.00
4 to 5 ft.	.30	2.50	20.00
VIBURNUM Americanum.			
2 to 3 ft.	.40	3.00	25.00
3 to 4 ft.	.50	4.00	35.00
Burkwoodi. 12 to 15 in.	1.25		
12 to 15 in., B. & B.	2.00		
18 to 24 in., B. & B.	2.50		
Carlesii (Fragrant V).			
2 to 2 1/2 ft., B. & B.	1.75		
Dentatum. 2 to 3 ft.	.30	2.50	20.00
3 to 4 ft.	.35	3.00	25.00
4 to 5 ft.	.40	3.50	30.00
Fragrans. 2 to 3 ft., B. & B.	2.00		
3 to 4 ft., B. & B.	3.50		
Lantana. 2 to 3 ft.	.30	2.50	20.00
3 to 4 ft.	.35	2.75	22.50
4 to 5 ft.	.40	3.00	25.00
5 to 6 ft.	.50	4.00	27.50
Lentago. 2 to 3 ft.	.40	3.50	
3 to 4 ft.	.50	4.00	
4 to 5 ft.	.60	5.00	
Molle. 2 to 3 ft.	.30	2.50	
Opulus. 2 to 3 ft.	.35	3.00	25.00
3 to 4 ft.	.40	3.50	30.00
6 to 8 ft.	.90	8.50	
Opulus Sterile. 2 to 3 ft.	.50	4.00	35.00
Sieboldii. 2 to 3 ft.	.35	3.00	25.00
3 to 4 ft.	.40	3.50	30.00
4 to 5 ft.	.50	4.00	35.00
ULMUS Pumila, Chinese Elm Hedging—See Trees.			
VITEX Negundo Incisa (Cutleaf Lilac Chaste Tree). 2-year	.40	3.00	
WEIGELA			
Eva Rathke. 2 to 3 ft.	.40	3.50	30.00
Floribunda. 2 to 3 ft.	.35	3.00	25.00
3 to 4 ft.	.40	3.50	
Rosea. 2 to 3 ft.	.25	2.00	15.00
3 to 4 ft.	.30	2.50	18.00

Please Tell Us How to Ship. We Express Unless Otherwise Instructed.

All Prices are F. O. B. Our Nurseries, Western Springs, Ill.



AMPELOPSIS Veitchii (Boston Ivy).

Hardy Vines

AKEBIA Quinata. A beautiful Japanese vine with unique foliage and chocolate-purple flowers. 3-year	\$.30	\$2.50	\$22.50
AMPELOPSIS Aconitifolia (Monkshood Vine). Attractive foliage; amber berries in autumn. 2-year	.20	1.75	12.00
3-year	.25	2.00	15.00
Engelmanni. A hardy and quick-growing, self-clinging vine. 2-year	.20	1.50	10.00
3-year	.25	2.00	15.00
Heterophylla. Ornamental, heart-shaped leaves; turquoise blue berries in fall. 2-year	.30	2.50	
3-year	.40	3.00	
Quinquefolia (Woodbine). A good native vine valued for its bright crimson foliage in fall. 2-year	.20	1.50	10.00
3-year	.25	1.75	15.00
Veitchii (Boston Ivy). The grandest hardy climbing vine that clings tightly to stone or brick. Good glossy green leaves, three-lobed. 2-year No. 1	.25	2.00	18.00
3-year	.35	3.00	25.00
ARISTOLOCHIA Siphon (Dutchman's Pipe). 2-year	.50	4.00	
3-year, grafted	1.00	8.50	
BIGNONIA Radicans. Showy trumpet-shaped flowers of brilliant orange-scarlet. 3-year	.30	2.50	17.50
Mme. Gallen, more dwarf than above, but has immense flower clusters. 2-year, grafted	.60	5.50	
CELASTRUS. Hardy climber, with orange-capsuled fruit in autumn.			
Scandens (American Bittersweet). 2-year	.25	2.00	18.00
3-year	.40	3.50	
CLEMATIS—Small-Flowering Paniculata. The finest small-flowering Clematis. Pure white, deliciously fragrant flowers. September. 2-year	.30	2.50	18.00
CLEMATIS—Large-Flowering. Duchess of Edinburgh, double white; Henryi, single white; Jackmani, rich deep purple; Mme. Ed. Andre, wine-red; Ramona, blue. 2-year No. 1	.50	4.00	37.50
2 1/2-inch pots. 50 for \$8.00	.30	2.10	15.00
Belle of Woking (New). Double silvery grey	1.00	9.00	
Comtesse de Bouchard (New). Satiny rose	.90	8.50	
Lord Neville (New). Rich velvety violet-purple	.90	8.50	
Crimson King. Bright red. 2-year	1.50		
Prince Hendrik. Azure-blue. 2-year	1.25		
CLEMATIS TEXENSIS (Coccinea). Bell-shaped flowers of bright coral-red. 2-year	.30	2.00	18.00
Crispa. Flowers deep blue with white border. 2-year	.30	2.00	18.00
Duchess of Albany (New). Pink trumpet-shaped flowers about 3 1/2 to 4 inches long. 2-year	1.15		
Montana Rubens. Rosy pink Anemone-like flowers. 2-year	.50	4.00	37.50
HEDERA Helix.			
English Ivy (Gracilis—Small-Leaved). Hardy. 2 1/2-inch pots	1.00	7.50	
2-year	.40	3.50	
HYDRANGEA Petiolaris (Climbing Hydrangea). 4-inch pots	.60	5.00	
LONICERA—Honeysuckle, Heckrottii. Flowers dark red and creamy yellow. 2-year	.50	4.50	
Japonica Halliana (Hall's Japanese). Very fragrant pure white flowers changing to yellow. 2-year	.25	1.80	14.00
3-year	.35	3.00	
Sempervirens (Scarlet Trumpet). Fuchsia-like scarlet flowers. 2-year	.25	2.00	18.00
3-year	.30	2.50	20.00
POLYGONUM Auberti. Fast growing vine, producing foamy masses of white flowers in late summer. 2-year	.35	2.50	20.00
PUERARIA Thunbergiana (Kudzu Vine). No. 1	.20	1.50	12.50
WISTERIA			
Frutescens Magnifica. 2-year	.25	2.00	15.00
3-year	.30	2.50	18.00
Multijuga Floribunda Rosea (Pink Japanese Wisteria). 2-year, grafted	.75		
Sinensis Alba. Pure white flowers. 2-year grafts	.50	4.00	
Sinensis Purpurea. Flowers purple. 2-year grafts	.40	3.50	
Sinensis Purpurea—Tree Form or Standards. 3 to 4 ft., stems, B. & B.	5.00		

Ornamental and Shade Trees

All our trees are nursery grown and are one or more times transplanted.

ACER Dasyacarpum (Silver Maple).

	Each	10	100
6 to 8 ft.	\$0.60	\$5.00	\$40.00
8 to 10 ft., 1 to 1 1/4 in. caliper	.90	7.50	50.00
8 to 10 ft., 1 1/4 to 1 1/2 in. caliper	1.00	9.00	70.00
10 to 12 ft., 1 1/2 to 1 3/4 in. caliper	1.20	10.00	90.00
10 to 12 ft., 1 3/4 to 2 in. caliper	1.30	11.50	100.00
12 to 14 ft., 2 to 2 1/4 in. caliper	1.40	12.50	115.00
12 to 14 ft., 2 1/4 to 2 1/2 in. caliper	1.75	15.00	125.00
14 to 16 ft., 2 1/2 to 2 3/4 in. caliper	2.00	17.50	150.00

Dasyacarpum Wienii (Wieni Maple).

	Each	10	100
10 to 12 ft., 1 1/2 to 1 3/4 in. caliper	1.75	15.00	...
10 to 12 ft., 1 3/4 to 2 in. caliper	2.00	17.50	...
12 to 14 ft., 2 to 2 1/4 in. caliper	2.25	20.00	...
12 to 14 ft., 2 1/2 to 3 in. caliper	3.00	27.50	...

Ginnala (Amur Maple). 3 to 4 ft.

	Each	10	100
4 to 5 ft.	.40	3.00	25.00
5 to 6 ft.	.60	5.00	40.00
6 to 7 ft.	.75	6.00	50.00
8 to 10 ft.	1.25	10.00	...

Palmarum Atro-Purpureum (Bloodleaf Japanese Maple).

	Each	10	100
18 to 24 in., B. & B.	2.00	...	...

Write for prices on larger sizes.

Platanoides Globosum (Globe Maple).

	Each	10	100
8 to 10 ft., 1 to 1 1/4 in. caliper	1.50	12.50	...
8 to 10 ft., 1 1/4 to 1 1/2 in. caliper	1.60	14.00	...
12 to 14 ft., 2 1/4 to 2 1/2 in. caliper	2.75	25.00	...
12 to 14 ft., 2 1/2 to 2 3/4 in. caliper	3.00	27.50	...
12 to 14 ft., 2 3/4 to 3 in. caliper	3.25	30.00	...
16 to 18 ft., 3 to 3 1/4 in. caliper	3.50	32.50	...
16 to 18 ft., 3 1/4 to 3 1/2 in. caliper	3.75	35.00	...
16 to 18 ft., 3 1/2 to 4 in. caliper	5.00	47.50	...
16 to 18 ft., 4 in. caliper, specimens	9.00	85.00	...
16 to 18 ft., 5 in. caliper	15.00	...	...

Write for prices on larger sizes.

Platanoides Schwedleri (Schwedler Maple).

	Each	10	100
8 to 10 ft., 1 to 1 1/4 in. caliper	1.75	15.00	...
10 to 12 ft., 1 1/4 to 2 in. caliper	3.00	27.50	...
12 to 14 ft., 2 to 2 1/4 in. caliper	3.25	30.00	...
12 to 14 ft., 2 1/4 to 2 1/2 in. caliper	3.50	32.50	...
12 to 14 ft., 2 1/2 to 2 3/4 in. caliper	4.00	37.50	...
12 to 14 ft., 2 3/4 to 3 in. caliper	4.50	42.50	...
12 to 14 ft., 3 to 3 1/4 in. caliper	5.00	47.50	...
12 to 14 ft., 3 1/4 to 3 1/2 in. caliper, specimens	8.00	75.00	...
14 to 16 ft., 3 1/2 in. caliper	5.50	...	...

Saccharum (Sugar Maple).

	Each	10	100
8 to 10 ft., 1 to 1 1/4 in. caliper	1.50	12.50	...

AESCRULUS Carnea (Red Horse Chestnut).

	Each	10	100
4 to 5 ft.	3.00	...	...
5 to 6 ft.	3.25	...	...

AILANTHUS Glandulosa (Tree of Heaven). 4 to 5 ft.

	Each	10	100
5 to 6 ft.	.50	4.00	...
6 to 8 ft.	.65	6.00	...
8 to 10 ft.	1.25	10.00	...

	Each	10	100
12 to 14 ft., 1 1/4 to 2 in.	2.00	17.50	...

ARALIA Spinosa (See Shrubs).

BETULA.

	Each	10	100
Alba (European White Birch).	6 to 8 ft.	1.00	9.00
Pendula Gracilis (Cut-Leaved Weeping Birch).	2.00	...	...

	Each	10	100
6 to 8 ft.	2.00	...	...
8 to 10 ft.	2.50	...	...

CATALPA Bungei. 5 to 6 ft., 1-year head.

	Each	10	100
Speciosa.	8 to 10 ft., 1 to 1 1/4 in. caliper	.60	5.00

	Each	10	100
8 to 10 ft., 1 1/4 to 1 1/2 in. caliper	.75	6.00	45.00
10 to 12 ft., 1 1/2 to 1 3/4 in. caliper	.90	7.50	60.00

	Each	10	100
12 to 14 ft., 2 to 2 1/4 in. caliper	1.00	9.00	75.00

CERCIS Canadensis (American Redbud).

	Each	10	100
3 to 4 ft.	.75	6.00	...
4 to 5 ft.	.90	7.50	...

CHERRY, Japanese—See Prunus.

CORNUS Florida (White Flowering Dogwood).

	Each	10	100
2 to 3 ft., B. & B.	1.00	9.00	...
3 to 4 ft., B. & B.	1.75	...	...

CORNUS Florida Rubra (Red Flowering Dogwood).

	Each	10	100
2 to 3 ft., B. & B.	1.75	15.00	...
3 to 4 ft., B. & B.	2.50	22.50	...

	Each	10	100
4 to 5 ft., B. & B.	3.25	30.00	...
5 to 6 ft., B. & B.	4.00	35.00	...

CRATAEGUS (Hawthorn).

	Each	10	100
Carrieri. 5 to 6 ft.	1.75	...	...
6 to 8 ft.	2.50	...	...

	Each	10	100
Coccinea (Thicket Hawthorn).	1.25	10.00	...
5 to 6 ft.	2.00	17.50	...

	Each	10	100
6 to 7 ft., B. & B.	3.00	27.50	...
7 to 8 ft., B. & B.	4.00	35.00	...

	Each	10	100
8 to 10 ft.	3.00	27.50	...
8 to 10 ft., specimens, B. & B.	6.00	54.00	...

	Each	10	100
10 to 12 ft., specimens, B. & B.	7.00	63.00	...
5 to 6 ft.	1.75	15.00	...

	Each	10	100
6 to 7 ft., sheared specimens, B. & B.	2.00	17.50	...
7 to 8 ft., sheared specimens, B. & B.	2.50	22.50	...

	Each	10	100
8 to 10 ft., sheared specimens, B. & B.	8.50	...	...
8 to 10 ft., sheared specimens, B. & B.	10.00	...	...

CRATAEGUS—Continued.

	Each	10	100
Oxyacantha (English Hawthorn).	4 to 5 ft.	\$1.00	\$ 9.00
5 to 6 ft.	1.75	15.00	...
6 to 7 ft.	2.00	17.50	...

	Each	10	100
Oxyacantha Splendens (Paul's Dbl. Scarlet Hawthorn).	4 to 5 ft.	1.75	15.00
5 to 6 ft.	2.00	17.50	...
7 to 8 ft., specimens, B. & B.	8.50	...	...

	Each	10	100
FAGUS Sylvatica Riversi (Rivers Purple Beech).	4 to 5 ft.	3.00	...
FRAGINUS Americanus (White Ash).	10 to 12 ft., 1 1/2 to 1 3/4 in. caliper	1.50	12.50
10 to 12 ft., 2 to 2 1/2 in.	1.75	15.00	...
12 to 14 ft., 2 to 3 in.	2.00	17.50	...

	Each	1

	Each	10	100	
PRUNUS, Japanese Weeping Cherry, Double Pink				
Subhirtella Type. 5 to 6 ft. stems, 1-yr. heads.	\$3.00	\$27.50		
Kwanzan (Sekizan). 4 to 5 ft.	1.50	12.50		
QUERCUS—Macrocarpa (Mossy Cup Oak).				
8 to 10 ft., 1 to 1½ in. caliper.	2.00	17.50		
8 to 10 ft., 1½ to 2 in. caliper.	2.50	22.50		
8 to 10 ft., 2 to 2½ in. caliper.	3.50	....	
Palustris (Pin Oak).				
8 to 10 ft., 1 to 1½ in. caliper.	1.75	15.00		
8 to 10 ft., 1½ to 2 in. caliper.	2.00	17.50		
8 to 10 ft., 2 to 2½ in. caliper.	2.50	22.50		
8 to 10 ft., 2½ to 3 in. caliper.	3.00	27.50		
8 to 10 ft., 2 to 2½ in. caliper.	3.25	....	
Rubra (Red Oak).				
6 to 8 ft.	1.75	15.00		
8 to 10 ft., 1 to 1½ in. caliper.	2.25	20.00		
8 to 10 ft., 1½ to 2 in. caliper.	2.75	25.00		
10 to 12 ft., 1½ to 2 in. caliper.	3.25	30.00		
10 to 12 ft., 2 to 2½ in. caliper.	3.50	32.50		
10 to 12 ft., 2 to 2½ in. caliper.	4.00	37.50		
10 to 12 ft., 2½ to 3 in. caliper.	4.50	42.50		
SALIX Babylonica (Babylon Weeping Willow).				
6 to 8 ft.	.75	6.50	\$60.00	
8 to 10 ft., 1 to 1½ in. caliper.	1.00	9.00	....
Vitellina Britzensis. 4 to 5 ft.	.30	2.50	....
5 to 6 ft.	.40	3.00	....
6 to 8 ft.	.50	4.00	....
8 to 10 ft., 1 to 1½ in. caliper.	.75	6.00	....
SOPHORA Japonica (Pagoda Tree).				
2 to 3 ft.	.75	6.00	....
3 to 4 ft.	.85	7.50	....
SORBUS Aucuparia (European Mountain Ash).				
6 to 8 ft.	1.00	9.00	....
8 to 10 ft., 1 to 1½ in. caliper.	1.25	10.00	....
8 to 10 ft., 1½ to 2 in. caliper.	1.50	12.50	....
TILIA Americana (American Linden).				
8 to 10 ft., 1 to 1½ in. caliper.	1.35	12.50	....
8 to 10 ft., 1½ to 2 in. caliper.	1.60	15.00	....
10 to 12 ft., 1½ to 2 in. caliper.	2.00	17.50	....
Parvifolia (European Linden).				
6 to 8 ft.	1.25	10.00	....
8 to 10 ft., 1 to 1½ in. caliper.	1.50	12.50	....
8 to 10 ft., 1½ to 2 in. caliper.	1.75	15.00	....
8 to 10 ft., 2 to 2½ in. caliper.	2.00	17.50	....
Platiphyllus Pyramidalis (Pyramidal European Linden).				
5 to 6 ft.	1.75	16.50	....
ULMUS Americana (American Elm).				
6 to 8 ft.	.40	3.00	25.00	....
6 to 8 ft., ¾ to 1 in. caliper.	.50	4.00	30.00	....
8 to 10 ft., 1 to 1½ in. caliper.	.65	5.00	40.00	....
8 to 10 ft., 1½ to 2 in. caliper.	.75	6.00	50.00	....
10 to 12 ft., 1½ to 2 in. caliper.	.90	7.50	65.00	....
10 to 12 ft., 2 to 2½ in. caliper.	1.15	9.00	75.00	....
10 to 12 ft., 2 to 2½ in. caliper.	1.25	10.00	90.00	....
12 to 14 ft., 2½ to 3 in. caliper.	1.50	12.50	100.00	....
12 to 14 ft., 2½ to 3 in. caliper.	2.00	15.00	125.00	....
12 to 14 ft., 2½ to 3 in. caliper.	2.50	20.00	175.00	....
12 to 14 ft., 3 to 3½ in. caliper.	2.75	25.00	225.00	....
12 to 14 ft., 3½ to 4 in. caliper.	4.00	37.50	350.00	....
14 to 16 ft., 4 to 4½ in. caliper.	6.00	57.50	....
4½ to 5 in. caliper.	7.50	70.00	....
5 to 5½ in. caliper.	10.00	....	....
Americana Molini (Moline Elm).				
6 to 8 ft.	.75	6.50	60.00	....
8 to 10 ft., 1 to 1½ in. caliper.	1.00	9.00	80.00	....
8 to 10 ft., 1½ to 2 in. caliper.	1.25	11.50	100.00	....
10 to 12 ft., 1½ to 2 in. caliper.	1.50	14.00	125.00	....
10 to 12 ft., 1½ to 2 in. caliper.	2.00	17.50	150.00	....
12 to 14 ft., 2 to 2½ in. caliper.	2.25	20.00	175.00	....
12 to 14 ft., 2½ to 3 in. caliper.	2.75	25.00	225.00	....
12 to 14 ft., 2½ to 3 in. caliper.	3.25	30.00	250.00	....
12 to 14 ft., 2½ to 3 in. caliper.	3.50	32.50	300.00	....
14 to 16 ft., 3 to 3½ in. caliper.	4.00	37.50	....
16 to 18 ft., 3½ to 4 in. caliper.	4.75	45.00	....
16 to 18 ft., 3½ to 4 in. caliper.	5.75	55.00	....
16 to 18 ft., 3½ to 4 in. caliper.	6.50	60.00	....
3½ to 4 in. caliper, specimens.	10.00	....	....
4 to 4½ in. caliper.	7.50	70.00	....
4 to 4½ in. caliper, specimens.	12.50	....	....
4½ to 5 in. caliper.	10.00	....	....
5 to 5½ in. caliper.	12.00	....	....
Write for prices on all Elms in larger sizes.				
Americana Urni (Vase-Shaped Elm).				
6 to 8 ft.	.75	6.50	....
8 to 10 ft., 1 to 1½ in. caliper.	1.00	9.00	80.00	....
8 to 10 ft., 1½ to 2 in. caliper.	1.25	11.50	100.00	....
10 to 12 ft., 1½ to 2 in. caliper.	1.50	14.00	125.00	....
10 to 12 ft., 1½ to 2 in. caliper.	1.90	17.50	150.00	....
12 to 14 ft., 2 to 2½ in. caliper.	2.25	20.00	175.00	....
14 to 16 ft., 2½ to 3 in. caliper.	2.75	25.00	225.00	....
14 to 16 ft., 2½ to 3 in. caliper.	3.00	27.50	250.00	....
3 to 3½ in. caliper.	3.75	35.00	325.00	....
3½ to 4 in. caliper.	4.50	42.50	....
3½ to 4 in. caliper.	5.25	50.00	....
3½ to 4 in. caliper, specimens.	10.00	....	....
4 to 4½ in. caliper.	7.00	....	....
4 to 4½ in. caliper, specimens.	15.00	....	....
4½ to 5 in. caliper.	9.00	....	....
4½ to 5 in. caliper, specimens.	17.50	....	....
5 to 5½ in. caliper.	10.00	....	....
5½ to 6 in. caliper.	12.00	....	....
Pumila (Chinese Elm).				
5 to 6 ft.	.50	4.00	35.00	....
6 to 8 ft.	.75	6.00	50.00	....
8 to 10 ft., 1 to 1½ in. caliper.	1.00	9.00	75.00	....
8 to 10 ft., 1½ to 2 in. caliper.	1.25	10.00	90.00	....
10 to 12 ft., 1½ to 2 in. caliper.	1.75	15.00	....
10 to 12 ft., 1½ to 2 in. caliper.	2.50	22.50	....
10 to 12 ft., 2 to 2½ in. caliper.	3.00	25.00	....
10 to 12 ft., 2½ to 3 in. caliper.	3.50	30.00	....
10 to 14 ft., 2½ to 3 in. caliper.	4.00	35.00	....
Pumila—Chinese Elm Hedging.				
18 to 24-in. seedling, not transplanted.	.50	3.50	....
2 to 3-ft. seedling, not transplanted.	.75	5.00	....

Vaughan's Evergreens

Prices listed, unless otherwise noted, include balling and burlapping.

All our Evergreens are two or more times transplanted.

	Each	10	100
ABIES Concolor (White Fir). Forms a compact symmetrical tree of blue-green foliage.			
18 to 24 in.	\$1.50	\$12.50	....
2 to 2½ ft.	2.00	17.50	....
2½ to 3 ft.	2.50	22.50	....

	Each	10	100
JUNIPERUS Canadensis (Canadian Juniper). Of low-spreading, irregular form with foliage of blue-green.			
12 to 15 in.	.90	7.50	....
15 to 18 in.	1.00	9.00	....
18 to 24 in.	1.35	12.50	....
24 to 30 in.	1.75	15.00	....

	Each	10	100
JUNIPERUS Chinensis Pfitzeriana (Pfitzer Juniper). One of the best of all Junipers. Broad bushy habit.			
Thick, rich green foliage, giving feathery appearance.			
15 to 18 in. spread.	1.50	13.50	....
18 to 24 in. spread.	2.50	22.50	....
24 to 30 in. spread.	3.00	29.00	....
2½ to 3 ft. spread.	3.75	35.00	....
3 to 3½ ft. spread.	4.25	40.00	....
3½ to 4 ft. spread.	5.00	47.50	....
4 to 4½ ft. spread.	5.50	52.50	....
4½ to 5 ft. spread.	6.00	57.50	....
4½ to 5 ft. spread, specimens.	8.00	75.00	....
5 to 6 ft. spread.	10.00	90.00	....
6 to 7 ft. spread.	12.50	100.00	....
7 to 8 ft. spread.	12.00	100.00	....
8 to 10 ft. spread.	14.00	120.00	....
10 to 12 ft. spread.	16.00	140.00	....

	Each	10	100
Chinensis Pfitzeriana (Upright Pfitzer). These have been staked into an upright growing habit.			
2½ to 3 ft.	3.75	32.50	....
3 to 3½ ft.	4.25	40.00	....
3½ to 4 ft.	6.00	....	....

	Each	10	100
Chinensis Procumbens. Long, trailing branches; foliage glaucous green.			
12 to 15 in. spread.	1.50	12.50	....
15 to 18 in. spread.	1.75	15.00	....
18 to 24 in. spread.	2.00	17.50	....
24 to 30 in. spread.	2.75	22.50	....
2½ to 3 ft. spread.	3.25	3.00	....

	Each	10	100
Communis Depressa Plumosa (Andorra Juniper). Of low-spreading, irregular form with bright green foliage, reddish purple in fall.			
12 to 15 in. spread.	1.25	10.00	....
15 to 18 in. spread.	1.50	12.50	....
18 to 24 in. spread.	1.75	15.00	....
2 to 2½ ft. spread.	2.50	22.50	....
2½ to 3 ft. spread.	2.75	25.00	....
3 to 3½ ft. spread.	3.00	22.50	....

	Each	10	100
Sabina (Savin Juniper). Dark green foliage. Spread-ing, semi-erect branches.			
15 to 18 in.	1.25	10.00	....
18 to 24 in.	1.50	12.50	....
2 to 2½ ft.	2.00	17.50	....
2½ to 3 ft.	2.25	22.50	....
3 to 3½ ft. spread.	2.50	20.00	....

	Each	10	100
Sabina Prostrata Horizontalis. Light green foliage. Low-spreading branches that form a dense mat over the ground.			
18 to 24 in.	1.00	9.00	\$80.00
2 to 2½ ft.	1.50	13.50	125.00
2½ to 3 ft.	2.00	17.50	150.00
3 to 3½ ft.	2.50	22.50	200.00

	Each	10	100
Sabina Prostrata Horizontalis Glaucia. Like the above, but with distinct steel-blue foliage.			
18 to 24 in.	1.50	12.50	....
2 to 2½ ft. spread.	2.00	15.00	....
2½ to 3 ft. spread.	2.50	20.00	....
3 to 3½ ft. spread.	3.00	25.00	....

	Each	10	100
Squamata Meyeri (Meyer Juniper). Of dwarf, irregular growth and novel coloring in tones of green, white and pinkish red.			
18 to 24 in.	2.00	17.50
2 to 2½ ft.	2.50	22.50
2½ to 3 ft.	3.50	32.50

	Each	10	100

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JUNIPERUS—Continued.

	Each	10	100
<i>Virginiana Glauca</i> (Silver Red Cedar). A form of the Red Cedar with silvery tinged foliage.			
2 to 2½ ft.	\$1.75	\$15.00	
2½ to 3 ft.	2.25	20.00	
3 to 3½ ft.	2.75	25.00	
3½ to 4 ft.	3.25	30.00	
4 to 4½ ft.	3.75	35.00	
4½ to 5 ft.	4.50	42.50	
5 to 5½ ft.	5.00	47.50	
5½ to 6 ft.	5.50	52.50	
6 to 6½ ft.	6.50	62.50	
6½ to 7 ft.	8.00	75.00	
7 to 7½ ft.	9.00		
7½ to 8 ft.	10.00		
8 to 8½ ft.	13.00		
8½ ft.	14.50		
9 ft.	17.00		

Virginian Keteleeri (Keteleer Red Cedar). Of broad pyramidal form; green foliage.

6 to 6½ ft.	6.50		
6½ to 7 ft.	8.00		
<i>Virginiana Pyramidiformia</i> Hilli (Dundee Juniper).	2.00		
2 to 2½ ft.	2.50		
2½ to 3 ft.			
<i>Virginiana Schotti</i> (Schott Red Cedar). Fresh green foliage that does not change in winter.	2.50	22.50	
3 to 3½ ft.	3.25	30.00	
3½ to 4 ft.	3.75	35.00	
4 to 4½ ft.	4.25	40.00	
4½ to 5 ft.	4.75	45.00	
5 to 5½ ft.	5.00	47.50	
5½ to 6 ft.	5.50	52.50	
6 to 6½ ft.	6.50	62.50	

PICEA Canadensis (White Spruce). Silvery green foliage. 18 to 24 in.

2 to 2½ ft.	1.25	10.00	
2½ to 3 ft.	1.50	12.50	
<i>Canadensis Albertiana</i> (Black Hill Spruce). A very hardy, compact-growing spruce with dark green foliage. 12 to 18 in.	.90	7.50	
18 to 24 in.	1.50	12.50	
2 to 2½ ft.	2.00	17.50	
2½ to 3 ft.	2.25	20.00	
3 to 3½ ft.	2.75	25.00	
3½ to 4 ft.	3.25	30.00	
4 to 4½ ft.	3.75	35.00	
4½ to 5 ft.	4.25	40.00	
5 ft.	5.00	47.50	
5½ ft.	5.50		
6 ft.	6.00		
6½ ft.	6.50		

Excelsa (Norway Spruce).

18 to 24 in.	.75	6.50	\$60.00	
2 to 2½ ft.	1.00	9.00	75.00	
2½ to 3 ft.	1.15	10.00	90.00	
3 to 3½ ft.	1.25	11.00	100.00	
4 to 5 ft.	2.00	17.50	150.00	
5 to 6 ft.	3.00	25.00	200.00	
6 to 7 ft.	4.00	32.50	300.00	
7 to 8 ft.	5.00	45.00		
8 to 9 ft.	7.50			

Omorika (Serbian Spruce). 2½ to 3 ft.

3 to 3½ ft.	2.25		
	2.50	22.50	

Pungens (Colorado Green Spruce). Bluish green foliage. 12 to 18 in.

18 to 24 in.	.90	7.50	
2 to 2½ ft.	1.00	9.00	75.00
2½ to 3 ft.	1.15	10.00	90.00
3 to 3½ ft.	1.25	11.00	100.00
4 to 5 ft.	2.00	17.50	160.00
5 to 6 ft.	3.00	25.00	200.00
6 to 7 ft.	4.00	32.50	300.00
7 to 8 ft.	5.00	45.00	
8 to 9 ft.	7.50		

Pungens Glauca (Colorado Blue Spruce). Selected

blue form of the above. 18 to 24 in.	2.25	20.00	
2 to 2½ ft.	2.50	22.50	
2½ ft.	3.00	27.50	
3 ft.	4.00	37.50	
3½ ft.	5.00	47.50	
4 ft.	6.00	57.50	
4½ ft.	7.50	70.00	
5 ft.	9.00		
5½ ft.	10.00		
6 ft.	12.00		
6½ ft.	14.00		

Larger Sizes, Prices on Application.

<i>Pungens Moerheimi</i> (Moerheimi Blue Spruce). Foliage of bright intense blue, grown from grafts.	3.00	27.50	
Superior to the Koster Blue Spruce. 18 in.	3.75	35.00	
2 ft.	5.00		
2½ ft.	6.50		
3 ft.	8.00		
4 ft.	10.00		
4½ ft.	14.00		
5 ft.	16.00		
5½ ft.	18.00		
6 ft.	20.00		
6½ ft.	25.00		
7 ft.	30.00		

<i>PINUS Montana Mugus</i> (Mugo Pine). A low-growing round topped evergreen; fine for rock planting and foundation work. 12 to 15 in.	1.00	9.00	
15 to 18 in.	1.25	11.50	
18 in.	1.75	15.00	
2 ft.	2.00	17.50	
2½ ft.	2.50	22.50	
3 ft.	3.25	30.00	

PINUS—Continued.

	Each	10	100
<i>Nigra</i> (Austrian Pine). A robust, stately tree of rapid growth, and very hardy. 4 to 4½ ft.	\$2.50	\$22.50	
4½ to 5 ft.	3.00	27.50	
5 to 5½ ft.	3.50	32.50	
5½ to 6 ft.	4.00	37.50	
6 to 7 ft.	5.00	45.00	
<i>Sylvestris</i> (Scotch Pine). Of rapid growth, with strong branches and short, stiff, bluish green foliage.	.90	7.50	
2 to 2½ ft.	1.00	9.00	\$ 75.00
2½ to 3 ft.	3.00	25.00	200.00
3 to 6 ft.	3.50	30.00	
6 to 7 ft.	4.00	37.50	
8 to 10 ft.	5.00	45.00	

TAXUS Cupidata (Japanese Yew).

2 ft., specimens.	3.75		
2½ ft.	4.25	40.00	

TAXUS Cupidata Capitata (Upright Japanese Yew).

18 to 24 in.	2.00	17.50	
2 ft., heavy specimens	2.50	22.50	
2½ ft., heavy specimens	3.00	27.50	
3 ft.	3.75	35.00	
3½ ft.	4.50	42.50	

TAXUS Cupidata Nana (Dwarf Japanese Yew).

18 to 24 in.	.75	35.00	
2 ft., heavy specimens	7.50		
2½ ft., heavy specimens	9.25		
3 ft.			
3½ ft.			

TAXUS Media Hicksi (Hick's Yew). Very compact, narrow upright. 15 to 18 in.

18 to 24 in.	1.25	11.50	
20 in.	2.00	17.50	
24 in.	2.25		

THUJA Occidentalis (American Arborvitae).

18 to 24 in.	.75	6.50	
24 to 30 in.	.90	7.50	
2½ to 3 ft.	1.15	10.00	90.00
3 to 3½ ft.	1.40	12.50	100.00
3½ to 4 ft.	1.65	14.00	125.00
4 to 4½ ft.	1.90	17.50	
4½ to 5 ft.	2.25	20.00	
5 to 5½ ft.	2.50	22.50	
5½ to 6 ft.	3.00	27.50	300.00
6 to 7 ft.	3.50	32.50	
7 to 8 ft.	5.00	45.00	
8 to 9 ft.	6.50	60.00	
9 to 10 ft.	8.00		

Occ. Douglasii Pyramidalis (Douglas Pyramidal Arborvitae).

Of compact, tall slender form; foliage dark green with lighter tips. 3½ to 4 ft.	2.75	25.00	
4 to 4½ ft.	3.25	30.00	
4½ to 5 ft.	4.00	37.50	37.50

Occ. Globosa (Am. Globe Arborvitae). A round, compact form, dark green foliage. 18 in.

21 in.	1.00	8.50	
24 in.	1.25	11.00	

Occ. Pyramidalis (Am. Pyramidal Arborvitae). A compact, narrowly pyramidal tree with bright green foliage. 18 to 24 in.

18 to 24 in.	1.00	9.00	75.00
2 to 2½ ft.	1.35	12.50	100.00
2½ to 3 ft.	1.50	13.50	125.00
3 to 3½ ft.	1.75	15.00	140.00
3½ to 4 ft.	2.00	17.50	150.00
4 to 4½ ft.	2.25	20.00	175.00
4½ to 5 ft.	2.50	22.50	200.00
5 to 5½ ft.	2.75	25.00	225.00
5½ to 6 ft.	3.00	27.50	
6 to 6½ ft.	3.25	30.00	
6½ ft., specimens.	3.50	32.50	
7 ft., specimens.	5.00		

Occ. Wareana (Ware Arborvitae). Of dense broad, pyramidal form with rich green foliage. Very hardy.

3 to 3½ ft.	2.25	20.00	
3½ to 4 ft.	2.75	25.00	
4 to 4½ ft.	3.00	30.00	
4½ to 5 ft.	4.00	37.50	

Occ. Woodwardi (Woodward Globe Arborvitae).
15 in.	1.00	9.00	
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Vegetable Plants With a Pedigree

Vaughan's Seeds of Table Quality Varieties are a Sure Selling Specialty

ONE of the most profitable spring crops for the greenhouse or hot-bed plant is seedling vegetable plants for home gardeners. Grow your plants from Vaughan's seeds and advertise the fact. It will bring you discriminating customers and higher prices. On this page we describe some of the varieties which we recommend for vigorous and fast selling plants.

For other varieties, see the vegetable list on the following pages or write for a copy of our retail catalogue, which gives a complete list of vegetables with full descriptions. By advertising that your plants are grown from Vaughan's seeds you will attract custom from the thousands who have received this catalogue.

YELLOWS- RESISTANT CABBAGE

Through the cooperation of the Wisconsin Cabbage Growers and the University of Wisconsin, we are enabled to offer seed of yellows-resistant cabbage from lots which have been tested in the university trials.

These lots of seed are carried under stock numbers as itemized below, and orders for these numbers will be filled as long as the seed lasts. When the tested lots have been exhausted, we will supply at regular prices new crop seed grown from tested stock seed, which should have resistant qualities equal to the parent stock.

Percentage of yellows disease which developed in Dr. Vaughan's tests is shown for each numbered lot as follows:

Jersey Queen, stock 171C or M, 0%; All Head, stock 174R or S, 10%; Racine Market or Detroit, stock 186A, 10%; Wisconsin All Season, stock 191C or R, 4%; Wisconsin Hollander, stock 225W, 0%; Globe, stock 211S or A, 1%; Red Hollander, stock 194W, 1%; Marion Market, stock 206C, 4%; Wisconsin Ballhead, stock 215B, 0%.

In addition to the above, we offer seed of Bugner, 205S, from the same lot which was used by market growers at Racine, Wis., in 1939 with complete satisfaction, which experience we consider equal to a state test.

Seed of the numbered lots specified above is offered at an advance of \$1.00 per pound, 35c per $\frac{1}{4}$ lb., 10c per oz., over the regular prices for same varieties as hereafter quoted.

Resistant Golden Acre (Racine Market).

Matures in about 60 days. The earliest yellows-resistant cabbage yet developed. A solid, round head of excellent flavor, crisp and tender. Oz., 60c; $\frac{1}{4}$ lb., \$1.75; lb., \$6.00.

Marion Market. 75 days. The third yellows-resistant cabbage to mature. Of an excellent Copenhagen Market type, though later than select Copenhagen, coming a short time before Glory of Enkhausen. Oz., 45c; $\frac{1}{4}$ lb., \$1.25; lb., \$4.00.

★Globe. 80 days. The resistant Glory of Enkhausen is but 3 to 4 days later than Copenhagen, of excellent flavor. You who think that there is no difference in the flavor of cabbage should compare a mature Globe with any other cabbage. Pkt., 15c; oz., 65c; $\frac{1}{4}$ lb., \$2.00.

Standard Bred Cabbages

Reselected Copenhagen Market Extra

Early. Matures in about 62 days. Earliest of the large heading cabbages, maturing even before the conical types. Market growers have reported their entire crop of this strain harvested before heads from other seed of this variety were ready to cut.

Reselected Tested Stock. Oz., 40c; $\frac{1}{4}$ lb., \$1.25; lb., \$4.00.

Golden Acre. Matures in about 60 days. This early round headed variety is slightly earlier than our reselected extra early Copenhagen Market and is similar in most other respects, except that its heads are slightly smaller, weighing 4 to 5 lbs. Oz., 30c; $\frac{1}{4}$ lb., 90c; lb., \$3.00.

GOLDEN ACRE DANISH GROWN. Oz., 45c; $\frac{1}{4}$ lb., \$1.25; lb., \$4.00.

Glory of Enkhausen. Matures in about 80 days. This globe-shaped, medium early variety is of excellent flavor and crispness, producing heads weighing eight to ten pounds, and more uniform than the earlier types. Oz., 25c; $\frac{1}{4}$ lb., 65c; lb., \$2.00.

Cauliflower

Vaughan's New

Snowball. Matures in about

55 days. For early outdoor planting and forcing, as well as for late sowing for the fall crop, this variety is standard. A well grown head measures 9 to 10 inches across with depth in proportion and a perfectly white core. Pkt., 25c; $\frac{1}{4}$ oz., 70c; $\frac{1}{2}$ oz., \$1.25; 1 oz., \$2.00.

CRIMSON CUSHION Pkt., 10c.

Large, round and regular; bright scarlet skin, solid flesh of best quality, seed cells small. Plants are very prolific, fine appearance. Pkt., 10c; $\frac{1}{2}$ oz., 30c; oz., 50c; $\frac{1}{4}$ lb., \$1.50; lb., \$4.75.

Standard Bred Tomatoes

Bonny Best. 103 days. A shade later than John Baer. Smooth, large and uniform fruit; yields well until frost. Oz., 30c; $\frac{1}{4}$ lb., 90c; lb., \$3.00.

Crimson Cushion or Beefsteak. 120 days. Large, round and regular; bright scarlet skin, solid flesh of best quality, seed cells small. Plants are very prolific, fine appearance. Pkt., 10c; $\frac{1}{2}$ oz., 30c; oz., 50c; $\frac{1}{4}$ lb., \$1.50; lb., \$4.75.

Ponderosa—The Giant Tomato. Matures in about 118 days. Of the large fruited varieties, this one is most popular. Oz., 50c; $\frac{1}{4}$ lb., \$1.50; lb., \$5.00.

Oxheart. 120 days. Popular because of its shape, large size, and excellent table qualities. Not a heavy yielder. Skin pink, almost seedless; firm, sweet flesh. Pkt., 10c; oz., 65c; $\frac{1}{4}$ lb., \$2.00; lb., \$7.50.

Golden Ponderosa. 118 days. A yellow, gem. Equal in size to that magnificent variety. Oz., $\frac{1}{4}$ lb., \$1.75; lb., \$6.00.

Vaughan's Select Earliana. 94 days. Earliest large, smooth bright red tomato. Compact in growth, with stout jointed branches; the vines yield well and the fruit is solid and of fine quality. Oz., 45c; $\frac{1}{4}$ lb., \$1.25; lb., \$4.00.

John Baer. 108 days. Extra early red. Not quite so early as Earliana. John Baer yields a much heavier crop of larger, more uniform and more attractive fruits. Oz., 30c; $\frac{1}{4}$ lb., 90c; lb., \$3.00.

The Largest Dwarf Tomato. 132 days. The fruit is red, and specimens weighing $\frac{1}{4}$ pound are not uncommon. Oz., 50c; $\frac{1}{4}$ lb., \$1.50; lb., \$5.00.

Tomatoes

For Plants Resistant to Wilt

Early Baltimore. 108 days. Illinois University selection, thriving on all soils; smaller fruit, brighter color, heavier yielder than Marglobe. Oz., 45c; $\frac{1}{4}$ lb., \$1.25; lb., \$4.00.

SEED CERTIFIED by Michigan State Experiment Station. Oz., 50c; $\frac{1}{4}$ lb., \$1.50; lb., \$5.00.

Resistant Celery

Michigan Golden (College Golden). Developed at Michigan State Agricultural College. A new strain of self-blanching celery resistant to root rot or crown rot. "Fusarium Yellows," bred from the tall strain of Golden self-blanching. Pkt., 40c; $\frac{1}{2}$ oz., 85c; oz., \$1.50; $\frac{1}{4}$ lb., \$5.50.

For other varieties see complete vegetable list on the following pages.

Egg Plant

Black Beauty. 110 days. Twelve days earlier than New York. In shape it is broad and thick, perfectly spineless and smooth; beautiful, rich purple color and handsome lustre. Oz., 50c; $\frac{1}{4}$ lb., \$1.50; lb., \$5.00.

Peppers

Vaughan's Giant Magnum Dulce.

This fine mild pepper can be grown to immense size—seven inches long and 4 inches through—but when grown so large the yield is small. To get a large yield of medium sized peppers, pinch off the "king flowers," the first ones to open. Pkt., 15c; $\frac{1}{2}$ oz., 35c; oz., 65c; $\frac{1}{4}$ lb., \$2.00.

California Wonder. A mild, sweet, mid-season variety, very large, measuring 4½ inches in length by 4 inches in diameter. It resembles Chinese Giant in form, but has much thicker flesh. It has a crimson fruit. One of the heaviest peppers grown, not as prolific as some, but much more desirable. $\frac{1}{2}$ oz., 35c; oz., 65c; $\frac{1}{4}$ lb., \$2.00.

Large Bell. Large blocky fruit, usually mild. $\frac{1}{2}$ oz., 25c; oz., $\frac{1}{4}$ lb., \$1.25.

Crimson Giant. One of the earliest large red sweet peppers. In habit the plant grows two and one-half feet high and bears a large quantity of fruits. The peppers are large, deep green when young and a rich red when ripe; flesh thick, sweet and mild. Pkt., 10c; $\frac{1}{2}$ oz., 45c; oz., 75c.



CALIFORNIA WONDER

Vaughan's Vegetable Seed Prices for Florists

VAUGHAN'S VEGETABLE SEEDS

FOR 64 years Vaughan's Seed Store has specialized in quality vegetable seeds for commercial as well as amateur growers. We maintain one of the largest seed testing laboratories in the world and neither buy nor sell any seeds that fail to come up to the highest standards of purity and germination. In addition to this, we place emphasis upon the care, breeding and selection of our seeds in order to insure that they bear crops that are uniform and true to type.

ARTICHOKE

GREEN GLOBE—Pkt., 10c; oz., 40c.

ASPARAGUS SEED

	Oz.	1/4 lb.	Lb.
Mary Washington.....	\$0.10	\$0.30	\$0.90
Paradise.....	.80	2.50	9.00

ASPARAGUS ROOTS

	100	1000	per 1000	5000
Mary Washington. 1 Year Old.....	\$2.00	\$12.00	\$10.00	
2 Years Old.....	2.25	14.00	12.00	

BUSH BEANS—Green Pod

	1 to 5 lbs., per lb.	10 lbs.	100 lbs.
Black Valentine Stringless.....	\$0.25	\$1.60	\$14.00
Early Red Valentine Stringless.....	.25	1.60	14.00
Longfellow.....	.25	1.70	15.00
Stringless Green Pod.....	.25	1.60	14.00
Dwarf Horticultural.....	.25	1.80	16.00
Improved Navy.....	.15	.90	7.00
Bountiful Stringless.....	.25	1.50	13.00
Giant Stringless Green Pod.....	.25	1.40	13.50
Tendergreen.....	.25	1.60	14.00
Great Northern.....	.15	1.00	8.00
Pinto.....	.15	1.10	9.00
Stringless Refugee.....	.25	1.70	15.00
Plentiful.....	.30	1.90	17.00
Streamliner.....	.35	2.20	20.00

WAX BEANS

	.30	1.90	17.00
Davis Stringless Wax.....	.30	1.70	15.00
Golden Wax.....	.30	1.70	15.00
Pencil Pod Black Wax.....	.30	1.70	15.00
Round Pod Kidney Wax.....	.30	1.90	17.00
Wardwell's Kidney Wax.....	.30	1.70	15.00
Gold Standard.....	.30	1.90	17.00
Sure Crop Bountiful Wax.....	.30	1.60	14.00
Unrivalled Wax.....	.30	1.70	15.00

BUSH LIMA BEANS

	.75	6.00
Baby Potato.....	.75	6.00
Henderson's Bush Lima.....	.30	1.70
Henderson U. S. D. A. No. 2.....	.35	2.00
Burpee's Bush Lima.....	.35	1.90
New Wonder Bush Lima.....	.35	2.00
Fordhook Bush Lima.....	.35	2.40
Burpee's Improved Bush Lima.....	.35	2.00
Jackson Wonder.....	.30	1.80
		16.00

POLE LIMA

	.30	1.90	17.00
Early Leviathan.....	.30	2.00	18.00
King of the Garden.....	.30	2.00	18.00
Large White Seeded.....	.30	2.00	18.00
Florida Butter.....	.30	1.80	16.00

POLE BEANS—Green Pod

	.30	1.60	14.00
Burger's Stringless.....	.30	1.60	14.00
Cut Short or Corn Hill.....	.25	1.70	15.00
Horticultural Cranberry.....	.25	1.70	15.00
Kentucky Wonder or Old Homestead.....	.30	1.60	14.00
Lazy Wife.....	.30	1.60	14.00
McCaslan.....	.30	1.70	15.00
White Creaseback.....	.25	1.70	15.00
Scarlet Runner.....	.35	2.20	20.00

Wax Pod

	.30	1.70	15.00
Early Golden Cluster Wax.....	.30	1.70	15.00
Kentucky Wonder Wax.....	.30	1.70	15.00

BEETS

	1/4 lb.	Lb.	5 lbs
Perfected Detroit.....	\$0.35	\$1.00	\$4.50
Crosby's Vaughan's Selected Stock.....	.35	1.00	4.50
Egyptian Standard Stock.....	.30	.85	4.00
Detroit Dark Red.....	.30	.80	3.75
Good For All.....	.35	1.00	4.50
Crimson Globe.....	.30	.80	3.75
Improved Early Egyptian.....	.30	.80	3.75
Early Wonder.....	.35	1.00	4.50
Edmand's Turnip, Select Stock.....	.30	.80	3.75
Early Blood Turnip, Select.....	.30	.80	3.75
MANGEL—Vaughan's Mammoth Long Red.....	.20	.50	2.00
Champion Yellow Globe.....	.20	.50	2.00
Golden Tankard.....	.20	.50	2.00
Giant Yellow Intermediate.....	.20	.50	2.00
Giant Yellow Eckendorf.....	.20	.50	2.00
Giant Half Sugar Rose.....	.20	.50	2.00
Barres Slidstrup. Danish Grown.....	.20	.50	2.00
SUGAR BEETS—Vilmorin's Imperial.....	.20	.50	2.00
Klein's Wanzleben.....	.20	.50	2.00

BROCCOLI

	Oz.	1/4 lb.	Lb.
White Mammoth.....		\$0.50	\$1.50
Italian Calabrese.....		.50	1.50
Purple Cape.....		.50	1.50

BRUSSELS SPROUTS

	.25	.65	2.00
Improved Dwarf.....	.25	.65	2.00
Long Island Improved.....	.25	.65	2.00

CABBAGE

YELLOWS-RESISTANT CABBAGES

Arranged According to Maturity

	Year old tested seed, \$1.00 extra per lb., 35c extra per 1/4 lb., 10c extra per oz.	Oz.	1/4 lb.	Lb.
Jersey Queen.....	\$0.50	\$1.50	\$4.50	
Racine Market (Wisconsin Pride).....	.60	1.75	6.00	
Wisconsin All Head.....	.50	1.50	5.00	
Marion Market.....	.45	1.25	4.00	
Globe.....	.50	1.50	5.00	
Special Shipper.....	.50	1.50	5.00	
Bugner.....	.50	1.50	5.00	
Wisconsin All Season.....	.45	1.25	4.00	
Wisconsin No. 8.....	.45	1.25	4.00	
Wisconsin Red Resistant.....	.70	2.25	8.00	

STANDARD VARIETIES

Early Jersey Wakefield.....	.25	.70	2.25
Charleston Wakefield.....	.25	.70	2.25
Copenhagen Market.....	.30	.85	2.75
Copenhagen Market Extra Early Selections.....	.40	1.25	4.00
Golden Acre.....	.30	.90	3.00
Golden Acre. Danish Grown.....	.45	1.25	4.00
Green Acre.....	.40	1.40	4.50
Early Flat Dutch.....	.25	.65	2.00
Succession.....	.25	.65	2.00
Vaughan's All Seasons.....	.25	.70	2.25
Glory of Enkhausen.....	.25	.65	2.00
Early All Head or Faultless.....	.25	.65	2.00
Vaughan's Premium (Late) Flat Dutch.....	.25	.70	2.25
Chinese or Celery Cabbage Vaughan Strain.....	.35	1.00	3.25
Chinese or Celery Cabbage Commercial Strain.....	.25	.65	2.00
Chinese Cabbage Wong Bok.....	.25	.70	2.25
Danish Ballhead (Dwarf Amager).....	.30	.85	2.75
New Penn State Ballhead.....	.45	1.25	4.00
Dutch Winter or Hollander.....	.30	.75	2.50

SAVOY CABBAGE—

Improved American.....	.30	.90	3.00
Long Island.....	.50	1.50	5.00

RED CABBAGE—

Mammoth Rock Red.....	.30	.90	3.00
Haco. Earliest of all Reds.....	.40	1.25	4.00
Red Resistant.....	.70	2.25	8.00
Giant Winter.....	.40	1.25	4.00
Long Island Red.....	.50	1.50	5.00

CARROT

	Oz.	1/4 lb.	Lb.	5 lbs.
Danvers Half Long. Vaughan's Selected Stock	\$0.20	\$0.45	\$1.25	\$5.50
Chantenay. The best for early bunching	.20	.45	1.25	5.50
Greater Chantenay	.20	.45	1.25	5.50
Chantenay. Red core	.20	.45	1.25	5.50
New Bunching	.20	.45	1.25	5.50
Imperator	.20	.45	1.25	5.50
Special Chantenay	.20	.45	1.25	5.50
Chicago Forcing	Oz. \$0.20	1/4 lb. \$0.60	Lb. \$1.75	
Early Short Scarlet (Dutch Horn)	.20	.50	1.50	
Guerande or Oxheart	.20	.45	1.25	
Nantes Half Long Scarlet, Stump-rooted	.20	.60	1.75	
Improved Long Orange	.10	.30	.80	
Mastodon or White Intermediate	.10	.30	.90	

USEFUL VEGETABLES

Chervil. Double curled	.10	.35	1.00
Chicory, Magdeburg. Large rooted	.20	.45	1.40
Chicory, Witloof or French Endive. Fancy	.25	.65	2.00
Corn Salad. Round leaved, large seeded	.15	.40	1.25
Cress, Curled or Pepper Grass	.10	.25	.70
Cress. Water cress	.45	1.25	4.00
Cress, Upland	.15	.35	1.00
Collards	.10	.25	.75
Cardoon	.30	.65	2.25
Chives	.45	1.25	4.00

CAULIFLOWER

Vaughan's Extra Select Snowball, pkt., 25c; 1/4 oz., 75c; 1/2 oz., \$1.35; oz., \$2.50; 1/4 lb., \$9.00.

Vaughan's New Snowball

One of our Specialties. We know our strain is the equal of any that can be produced. We have tried nearly every other on the market and we have never yet come across anything superior to Vaughan's New Snowball. It is the result of years of careful selection by a most capable and painstaking gardener who grows the seed especially for us on the island of Amagar, near Copenhagen, Denmark, where growing conditions are ideal for the production of perfect seed heads. Vaughan's New Snowball is the best general purpose variety for either spring or fall planting. Heads are usually 9 to 10 inches across, perfectly white, solid, deep and compact. Pkt., 25c; 1/4 oz., 70c; 1/2 oz., \$1.25; oz., \$2.00; 1/4 lb., \$7.00.

Sure Header. Pkt., 25c; 1/4 oz., \$1.00; 1/2 oz., \$1.75; oz., \$3.00.

Vaughan's Earliest Dwarf Erfurt

Combines all pedigree points—earliness, purity of color, dwarf habit and fine grain. A profitable market garden sort.

Pkt., 25c; 1/4 oz., 65c; 1/2 oz., \$1.15; oz., \$2.00; 1/4 lb., \$7.00.

Dry Weather

For dry climate and dry seasons. Very sure heading and second early. Heads larger than Snowball and snow-white.

Pkt., 25c; 1/4 oz., 70c; 1/2 oz., \$1.25; oz., \$2.15; 1/4 lb., \$7.50.

Danish Snowball

This is a grand second early. It is the result of long, careful selection, and uniformly produces even, regular heads. Through many seasons it has proven itself reliable. Pkt., 25c; 1/4 oz., 65c; oz., \$2.00; 1/4 lb., \$7.00.

Oz. 1/4 lb. Lb.

Autumn Giant. Very large and productive.. \$0.50 \$1.50 \$ 5.00

CELERY 1/2 oz.

	Oz.	1/4 lb.	Lb.
Golden Phenomenal	\$0.35	.65	2.00
Giant Pascal. Easy-blanching and a fine keeper	.30	.90	3.00
Soup Celery or Smallage. Green, for soups	.20	.50	1.50
Easy Blanching	.40	1.25	4.50
Emperor. Splendid quality, dwarf	.40	1.25	4.50
White Plume. Vaughan's Selected Stock	.30	.90	3.00
Golden Self-Blanching. New strain, tall	.35	.60	1.75
Golden Self-Blanching. Short	.35	.60	1.75
Golden Plume (Extra selected)	.70	1.25	4.00
Golden Plume (Standard)	.35	.65	1.75
Michigan Golden (Yellows-resistant)	.85	1.50	5.50
Winter Queen	.25	.75	2.50
Golden Detroit	.35	.65	2.00
Utah Golden	.35	.60	1.75
			6.00

CELERIAC

Large Smooth Prague. Earliest of all... .30 .90 3.00

SWEET CORN

All Sweet Corns are listed according to dates of maturity; Hybrid and top crosses are starred (*).

	Yellow Types	Lb.	10 lbs.	100 lbs.
*Golden Nugget		\$0.50	\$4.50	\$40.00
*Golden Beauty		.50	4.50	40.00
*Morning Star		.50	4.00	35.00
*Senator		.50	4.00	35.00
*Golden Treasure		.40	3.25	30.00
Golden Sweet		.25	1.90	17.00
*Gemcross		.45	3.50	30.00
*Golden Triumph		.50	4.00	35.00
*Our Choice		.50	4.00	35.00
*Golden Prolific		.50	4.00	35.00
*Erlibird		.50	4.00	35.00
Golden 60-Day		.25	1.90	17.00
Early Golden Bantam		.25	1.80	16.00
Spanish Gold		.25	1.80	16.00
Early Sensation		.25	1.90	17.00
*Early Bancross		.35	2.70	25.00
*Sencross		.35	2.70	25.00
Golden Sunshine		.25	1.90	17.00
*Whip Cross		.35	2.70	25.00
Golden Bantam		.25	1.80	16.00
*Marcross		.35	2.70	25.00
*Sweet Cross		.35	2.70	25.00
*Three Line Hybrid		.35	2.70	25.00
Whipple Yellow		.25	1.80	16.00
*Bancross		.35	2.70	25.00
*Gardener's Hybrid		.50	4.00	35.00
*Tendergold		.35	2.70	25.00
*Gold Lined		.50	4.00	35.00
*Erligold		.45	3.50	30.00
*Ioana		.50	4.00	35.00
*Golden Cross		.35	2.70	25.00
Bantam Evergreen		.25	1.80	16.00
*Mopey		.50	4.00	
*Grumpy		.50	4.00	

White Varieties

Adams. Extra early, not sweet but early	.20	1.20	10.00
Vaughan's 60-Day White	.25	1.70	15.00
Vaughan's Mammoth White Cory	.25	1.70	15.00
Howling Mob	.25	1.70	15.00
Early Evergreen. Second early large corn	.25	1.80	16.00
Country Gentleman	.25	1.80	16.00
*Evergreen Hybrid	.45	3.50	30.00
Stowell's Evergreen	.25	1.80	16.00

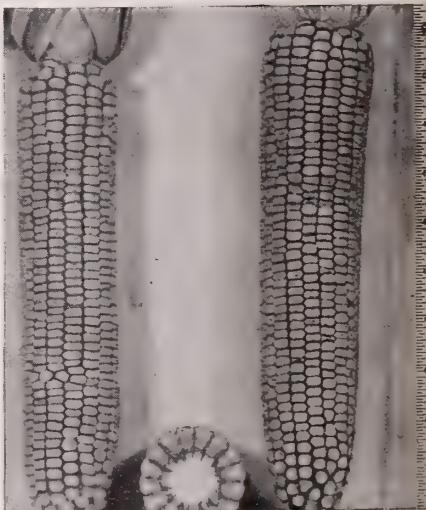
HYBRID FIELD CORN

We offer State Certified Hybrids—

For many years breeders at the University of Wisconsin have been constantly at work developing and improving hybrids adapted to Northern Illinois, Wisconsin, Michigan and other border states.

Through arrangements with the University we are able to offer these proven hybrids at the following prices:

Grade	1/2 Bu.	Bu.
Flat Kernels (Edge Drop)	\$3.50	\$6.50
Med. Rounds (Hill Drop)	3.00	5.75
Large Rounds	2.50	4.75
Small Flats or Rounds	1.50	3.00



CUCUMBERS

Oz.	1/4 lb.	Lb.
"A and C"	\$0.20	\$0.65
Colorado	.20	.50
Evergreen, or Extra Long White Spine	.20	.45
Davis Blend	.20	.35
Davis Perfect	.20	.45
Vaughan's Improved Arlington	.20	.45
Improved White Spine	.20	.40
Improved Long Green	.20	.50
Earliest of All White Spine	.20	.40
Early Cluster	.20	.35
Japanese Climbing	.20	.45

CUCUMBERS—Continued

	Oz.	1/4 lb.	Lb.
Westerfield's Chicago Pickle. One of our specialties.	\$0.20	\$0.35	\$1.00
Early Russian.	.20	.45	1.25
Snow's Fancy Pickling.	.20	.35	1.00
Lemon (True cucumber).	.25	.60	1.70
Improved Jersey Pickling. A popular pickle.	.20	.35	1.00
National.	.20	.35	1.00
Boston Pickling.	.20	.35	1.00
Early Frame.	.20	.40	1.15
West India Gherkin.	.25	.60	1.75
Early Fortune.	.20	.45	1.25
The Vaughan. Finest of all for forcing or out-doors.	.25	.65	2.00
Chicago Special.	.20	.45	1.25
Quick Grow.	.20	.35	1.00
Deltus.	.20	.50	1.50
Thorborn Everbearing.	.20	.35	1.00
Mandarin.	.25	.60	1.75
Black Diamond.	.20	.50	1.50
Straight Eight.	.20	.50	1.50

DANDELION

Thick Leaved or Cabbaging. Pkg., 15c.	.50	1.50	5.00
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DILL

Oz., 15c; 1/4 lb., 25c; lb., 60c.			
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EGG PLANT

Black Beauty.	.50	1.50	5.00
Vaughan's Improved N. Y. Purple.	.45	1.35	4.50
Florida High Bush.	.45	1.35	4.50
New Hampshire Hybrid.	.50	1.50	5.00

ENDIVE

Green Curled Pancalier, Rose Ribbed.	.15	.45	1.25
Green Curled Summer.	.15	.45	1.25
Green Curled Winter.	.15	.45	1.25
Moss, Very Fine Curled.	.15	.45	1.25
Broad-leaved White or Escarolle.	.10	.35	1.00
Ever White Curled.	.15	.45	1.25
Full Hearted Batavian.	.15	.45	1.25
Fringed Deep Heart.	.20	.50	1.50

GARLIC

Selected Bavarian, lb., 25c. Write for prices on larger lots.

HERBS

Anise.	.15	.30	...
Balm.	.40	1.25	...
Borage.	.15	.35	...
Chamomile.	.30	.90	...
Coriander.	.20	.45	...
Caraway.	.20	.45	...
Catnip.	.40	1.25	...
Fennel, Florence.	.20	.45	...
Fennel, Sweet.	.20	.45	...
Fennel, Wild.	.20	.50	...
Horehound.	.30	.75	...
Lavender Spica.	.30	.90	...
Lavender (True).	.50	1.50	...
Mint (For Juleps).	2.25	...	
Pennyroyal.	.70	2.25	...
Peppermint.	2.25	...	
Pimpernel.	.20	.60	...
Rosemary.	.50	1.50	...
Rue.	.30	.85	...
Saffron.	.30	.75	...
Sage.	.30	.75	...
Savory, Summer.	.25	.65	...
Sweet Basil.	.30	.90	...
Sweet Marjoram.	.30	.90	...
Tarragon.	1.25	4.50	...
Thyme.	.50	1.50	...
Wormwood.	.30	.90	...
Woodruff.	.70	2.25	...

KALE OR BORECOLE

Dwarf Green Curled.	.15	.30	.90
Tall Green Scotch.	.15	.30	.90
Siberian.	.10	.25	.75
Vaughan's Excelsior Moss Curled. Best of all.	.15	.35	1.00
Dwarf Scotch Curled.	.15	.35	1.00

KOHLRABI

Short-leaved Early Erfurt.	.25	.65	2.00
Early White Vienna.	.25	.65	2.00
Early Purple Vienna.	.25	.65	2.00
Forcing White Vienna.	.30	.75	2.50

LEEK

	Oz.	1/4 lb.	Lb.
Broad Scotch or London Flag.	\$0.25	\$0.65	\$2.00
Large Musselburg.	.25	.65	2.00
Large Carentan.	.25	.65	2.00
Elephant.	.30	.75	2.50

**LETTUCE
Leaf Varieties**

Black-Seeded Simpson, Vaughan's Selected Stock.	.15	.45	1.25
Grand Rapids Forcing, Vaughan's Extra Selected Stock.	.20	.60	1.75
Grand Rapids (Resistant).	.25	.65	2.00
Early Curled Simpson.	.15	.40	1.15

Cabbage and Head Varieties

May King. Very early.	.15	.40	1.25
Big Boston, Vaughan's Selected Stock.	.20	.50	1.50
California Cream Butter.	.15	.45	1.25
Iceberg.	.20	.50	1.50
Imp. Hanson. Very large firm heads.	.15	.45	1.25
New York No. 12.	.20	.50	1.50
New York No. 515 (Heat resisting).	.20	.50	1.50
New York (Imperial 847).	.25	.65	2.00
New York (Imperial 44).	.30	.90	3.00
Prizehead.	.15	.40	1.25
Unrivalled.	.15	.45	1.25
Wayahead.	.20	.50	1.50
Paris White Cos.	.15	.45	1.25
Express Cos.	.15	.45	1.25
Trianon Cos.	.15	.45	1.25

MUSKMELON

Milwaukee Market HandCut, Select Melons.	.25	.65	2.00
Vaughan's Improved Milwaukee.	.15	.45	1.25
Extra Early Osage (Vaughan's Selected).	.15	.45	1.25
Osage Select.	.15	.45	1.25
Hearts of Gold or Improved Hoodoo.	.15	.45	1.25
Paul Rose.	.15	.45	1.25
Rocky Ford.	.15	.35	1.00
Emerald Gem. One of the sweetest.	.15	.35	1.00
Tip Top. A very fine market melon.	.15	.45	1.25
Osage Gem.	.15	.35	1.00
Extra Early Hackensack. Best strain.	.15	.35	1.00
Banana.	.15	.45	1.25
Honey Dew.	.20	.50	1.50
Mango Melon or Vegetable Orange (Vine Peach).	.20	.60	1.75
Pollock-10-25.	.15	.45	1.25
Bender's Surprise.	.15	.35	1.00
Sweet Air (Early Knight).	.15	.45	1.25
Honey Rock.	.15	.35	1.00
Hale's Best.	.15	.45	1.25
Wisconsin Pride.	.20	.50	1.50
Golden Osage.	.20	.60	1.60
Golden Marvel.	.15	.45	1.25

MARTYNIA

—For Pickles.	.50	1.50	5.00
The young seed pods make fancy pickles.			

WATERMELON

Citron.	.15	.30	.85
Florida Favorite.	.10	.25	.75
Early Fordhook.	.10	.25	.75
Halbert Honey.	.10	.25	.60
Rattlesnake.	.15	.30	.85
Harris Earliest.	.15	.30	.85
Kleckley's Sweet.	.10	.25	.65
Sweetheart.	.10	.25	.65
Klondyke, Striped.	.15	.45	1.25
Winter.	.15	.35	1.00
Tom Watson.	.10	.30	.85
Cole's Early.	.10	.25	.65
Irish Gray.	.15	.30	.85
Ovid.	.20	.45	1.25
New Wonder.	.10	.25	.75
Stone Mountain.	.10	.25	.75
Pride of Muscatine (Resistant).	.15	.35	1.00
Dixie Queen.	.15	.35	1.00
Cuban Queen.	.10	.35	1.00
Stone Mountain (Resistant).	.15	.35	1.00
Red Russian.	.15	.35	1.00

MUSTARD

	Oz.	1/4 lb.	Lb.	10 lbs. per lb.
White London	\$.10	\$.20	\$.50	\$.45
Giant Southern Curled	.10	.20	.50	.45
Chinese Smooth Leaved	.10	.20	.50	.45
Fordhook Fancy	.10	.20	.50	.45
Florida Broad Leaved	.10	.20	.50	.45
Tendergreen	.10	.20	.50	.45

MUSHROOM SPAWN

Lambert's New Spore Culture Spawn. Made by an entirely new process. More vigorous and more productive than tissue spawn. Produces mushrooms of greater uniformity and truer to type.

9. White (Alaska) Mammoth Strain.

(Bricks weigh approximately 1 lb.)

1 Brick	5 Bricks	10 Bricks	100 Bricks
35c	\$1.50	\$2.50	\$18.00

Sterilized Bottle Spawn, in cartons. One carton will spawn 40 square feet. 75c per carton. \$7.50 per doz. Write for circular.

OKRA

Dwarf Long Pod, White Velvet, Tall or Perkins' Mammoth.

	Oz.	1/4 lb.	Lb.
Prices of all of the above	\$.10	\$.20	\$.50

ONION

	1/4 lb.	Lb.	5 lbs. per lb.
Large Red Wethersfield	\$.60	\$.40	\$.130
Southport Red Globe	.60	1.50	1.40
Southport Yellow Globe, California-grown	.60	1.60	1.50
Southport Yellow Globe, Eastern-grown	.65	2.00	1.90
Ideal Southport White Globe	.65	2.00	1.90
Ailsa Craig	.65	1.85	1.75
Australian Brown Flat	.60	1.40	1.30
Riverside	.80	2.50	2.40
Mammoth Silver King	.65	1.75	...
Ohio Yellow Globe	.60	1.60	1.50
Bermuda Yellow	.70	2.10	2.00
Bermuda Crystal White Wax	.75	2.35	2.25
Prizetaker	.60	1.75	1.65
White Barletta	.65	1.75	...
White Pearl	.65	1.75	...
White Portugal	.60	1.40	1.30
Early White Welsh	.65	1.75	...
Yellow Globe Danvers	.60	1.60	1.50
Fancy Yellow Globe Danvers	.65	1.80	1.70
Golden Globe	.65	2.10	2.00
Riverside White Spanish	.85	2.75	2.65
Yellow Strassburg	.60	1.40	1.30
Vaughan's Special Yellow Globe (Early Mountain Danvers)	.60	1.60	1.50
Japanese or Ebenezer	.45	1.30	1.20
White Bunch (Lisbon)	.60	1.80	1.70
He-Shi-Ko (Bunching)	.65	2.30	2.20
Yellow Globe Brigham	.65	1.70	1.60
Sweet Spanish	1.00	3.50	3.40

PARSLEY

	Oz.	1/4 lb.	Lb.
Vaughan's Champion Moss Curled	\$.15	\$.30	\$.80
Double Curled	.15	.30	.80
Plain	.10	.25	.75
Hamburg Rooted, Special	.20	.50	1.50
Hamburg (Standard)	.15	.35	1.00
Vaughan's XXX	.15	.40	1.25

PARSNIP

	.15	.30	.90
Long Smooth, Hollow Crown	.15	.30	.90
Improved Guernsey	.15	.30	.90
Magnum Bonum	.15	.35	1.00
Vaughan's Intermediate	.15	.35	1.00
Ideal (All-America)	.20	.50	1.50

PEAS

	1 to 5 lbs. per lb.	10 lbs.	100 lbs.
Alaska (Resistant)	\$.25	\$.45	\$.1250
Alderman	.25	1.60	14.00
American Wonder	.25	1.70	15.00
Ameer	.25	1.70	15.00
Black-Eyed Marrowfat	.25	1.60	14.00
Dwarf Defiance	.25	1.70	15.00
Dwarf Gray Sugar	.25	1.80	16.00
Dwarf Telephone or Daisy (extra choice)	.25	1.70	15.00
Early Gilbo (Resistant)	.25	1.90	17.00
Extra Early Prem. Gem or Little Gem	.25	1.60	14.00
Everbearing	.25	1.70	15.00
First and Best	.25	1.60	14.00

PEAS—Continued

	1 to 5 lbs. per lb.	10 lbs.	100 lbs.
Improved Gradus or World's Record	\$.25	\$.70	\$.1500
Laxtonian	.25	1.80	16.00
Laxton's Progress	.25	1.80	16.00
Little Marvel	.25	1.80	16.00
Mammoth Podded Sugar	.25	2.00	18.00
Nott's Excelsior. One of the best earlies.	.25	1.60	14.00
Improved Stratagem	.25	1.70	15.00
Sutton's Excelsior	.25	1.70	15.00
Telephone. Vaughan's Improved	.25	1.60	14.00
Thomas Laxton	.25	1.60	14.00
White Marrowfat. Large	.25	1.60	14.00
Century of Progress	.25	1.80	16.00
Giant Stride (Wilt-resistant)	.25	1.80	16.00

PEPPER

	1/2 oz.	Oz.	1/4 lb.
Vaughan's Magnum Dulce. Largest	\$.35	\$.65	\$.2000
Vaughan's Sweet Mountain	.25	.45	.125
Bullnose (Hot)	.25	.45	.125
King of the North	.30	.50	.150
Large Bell (Sweet)	.25	.45	.125
Cayenne, Long red	.35	.60	.175
Chinese Giant	.30	.50	.150
Red Chili	.30	.50	.150
Ruby King	.20	.35	.100
Perfection Pimiento	.35	.65	.200
Short Sharp Finger	.20	.35	.100
Sunnybrook, Tomato Shaped	.30	.50	.150
Tabasco	.35	.65	.200
Hungarian Hot	.35	.65	.200
Hungarian Sweet	.35	.65	.200
Harris Giant	.30	.50	.150
Worldbeater	.25	.40	.125
California Wonder	.35	.65	.200
Early California Wonder	.40	.75	.250
Oshkosh	.40	.75	.250
Windsor "A"	.30	.50	.150

PUMPKIN

	Oz.	1/4 lb.	Lb.
Winter Queen or Winter Luxury	\$.15	\$.35	\$.1000
Vaughan's Mammoth Prize	.15	.40	.125
Japanese Pie	.15	.35	.100
Kentucky Field	.15	.30	.060
Large Cheese	.15	.25	.060
Large Connecticut Field or Big Tom	.15	.25	.060
Large Tours or Mammoth French	.15	.40	.125
Sweet Potato	.15	.35	.090
Cushaw, White	.15	.30	.080
Cushaw, Striped	.15	.30	.080
Cushaw, Golden	.15	.30	.080
Vaughan's Small Sugar Pie	.15	.25	.060

RADISH

	1/4 lb.	Lb.	per lb.
Cincinnati Market. Long scarlet	\$.25	\$.60	\$.050
Crimson Giant Forcing	.30	.80	.070
Earliest White Olive	.35	1.00	.090
Earliest White Turnip (White box)	.25	.80	....
Improved Early Scarlet Globe, Vaughan's Select Forcing (Short top)	.30	.90	.080
Early Scarlet Globe (Medium top)	.25	.60	.045
Early Deep Scarlet Turnip	.30	.80	.070
Early Scarlet Globe, White tip	.30	.90	....
Saxa. Earliest round red	.30	.80	.070
Early Long Scarlet Short Top	.25	.75	.065
White Stuttgart	.30	.80	.070
Improved French Breakfast	.25	.60	.050
Vaughan's Giant Butter Radish	.35	1.00	....
Half Long Deep Scarlet	.30	.80	....
Brightest Long Scarlet (Cardinal)	.25	.60	.050
White Strassburg	.30	.80	.070
Long White Vienna	.25	.70	....
Vaughan's 20-Day Forcing. Early Olive-shape	.30	.80	....
Scarlet Turnip, White Tip (Sparkler)	.20	.60	.045
Scarlet Turnip, White Tip (American)	.20	.60	.045
White Icicle. The earliest long white	.25	.70	.060

Winter Varieties

Chinese Mammoth or Celestial	.30	.85	.75
California Mammoth White	.30	.85	.75
Half Long Black Winter	.30	.85	.75
Long White Spanish	.30	.85	.75
Long Black Spanish	.30	.85	.75
Rose or Scarlet China Winter	.30	.85	.75
Round Black Spanish	.30	.85	.75
The Munich	.35	1.00	....

RHUBARB

	Oz.	1/4 lb.	Lb.
Flare	\$0.50	\$1.50	\$5.00
Vaughan's Mammoth	.20	.60	1.80
Victoria	.20	.60	1.80
ROOTS	10	100	1000
Victoria, 3/4 to 1 in. caliper	\$0.50	\$2.50	\$20.00
1 to 1 1/2 in. caliper	.75	3.00	27.00
3 yr. 1 1/2 to 2 in. caliper	1.00	6.00	40.00
McDonald (New Crimson), divisions	2.00	15.00	....

HORSERADISH

Per 100, \$1.50; per 1,000, \$11.00; 5,000, per 1,000, \$10.00.

SALSIFY

	Oz.	1/4 lb.	Lb.
Mammoth Sandwich Island	.25	.65	\$2.00

SORREL

	Oz.	1/4 lb.	Lb.
French	.20	.45	1.25

SPINACH

	Lb.	10 lbs.	100 lbs.
		per lb.	per lb.
Bloomsdale Dark Green	\$0.35	\$0.24	\$0.22
New Long Standing Bloomsdale	.35	.24	.22
Bloomsdale or Norfolk. Savoy-leaved	.35	.24	.22
Extra Large Round Leaved	.35	.24	.22
Monstrous-Leaved Viroflay	.35	.24	.22
Prickly Seeded	.35	.24	.22
Princess Juliana. Long standing	.35	.24	.22
Old Dominion	.35	.24	.22
Virginia, Blight-Resistant	.35	.24	.22
Tetragonia or New Zealand	Oz., 20c.	.50	...
Antvorskov (King of Denmark)	.35	.24	.22
Vaughan's Special	.35	.28	.25
Gaudry L. S. or Nobel	.35	.24	.22
Broad-Leaved Flanders	.25	.20	.18
Viking	.35	.24	.22
Summer Savoy	.35	.24	.22
Winter Giant	.35	.24	.22

SWISS CHARD

	Oz.	1/4 lb.	Lb.
Cut and Come Again	\$0.10	\$0.25	\$0.75
Lucullus	.10	.30	.80
Dark Smooth. Broad white rib	.10	.30	.80
Giant Fordhook	.10	.30	.80

SQUASH

	Oz.	1/4 lb.	Lb.
Banana	.15	.45	1.25
Benning's	.15	.35	1.00
Blue Hubbard	.15	.45	1.25
Boston Marrow	.10	.25	.75
Buttercup	.20	.50	1.50
Chicago Warted Hubbard	.15	.45	1.25
Cocozelle	.15	.45	1.25
Delicious	.20	.50	1.50
Table Queen, "Des Moines," Acorn	.15	.45	1.25
Early White Bush	.15	.35	1.00
Vaughan's Giant Summer Crookneck, Yellow	.15	.35	1.00
Golden Hubbard	.15	.45	1.25
Original Hubbard, Extra select	.15	.45	1.25
Prolific Straightneck	.15	.35	1.00
Kitchenette Small Hubbard	.15	.45	1.25
Mammoth White Bush, Extra select	.15	.35	1.00
Mammoth Yellow Bush	.15	.35	1.00
Mammoth Chili	.15	.45	1.25
Sweet Potato	.20	.50	1.50
Vegetable Marrow	.15	.45	1.25
Yellow Straightneck, (Giant)	.15	.35	1.00
Yellow Summer Crookneck	.15	.35	1.00
Zucca de Pergola, Italian sort	.25	.65	2.00
Italian Marrow Zucchini, Black	.15	.45	1.25
Italian Marrow Zucchini, Grey	.15	.45	1.25

TOMATO

	Oz.	1/4 lb.	Lb.
Avon Early. A first early red	.30	.90	3.00
Beauty. Midseason pink	.45	1.25	4.00
Bison	.50	1.50	5.00
Bonny Best. Second red, called by market gardeners "yellow"	.30	.90	3.00
Chalk's Early Jewel. An early red	.30	.90	3.00
Cooper's Special. Midseason pink	.45	1.25	4.00
Crimson Cushion or Beefsteak. Medium late, red, very large	.50	1.50	4.75
Dwarf Champion. Medium late pink	.50	1.50	5.00

TOMATO—Continued

	Oz.	1/4 lb.	Lb.
Dwarf Stone. Midseason red	\$0.50	\$1.50	\$5.00
Earliana. Earliest red	.45	1.25	4.00
Early Detroit. Early, pink	.45	1.25	4.00
Early Prolific	.45	1.25	4.00
Golden Ponderosa. Late yellow	.60	1.75	6.00
Golden Queen. Midseason yellow	.45	1.25	4.25
Greater Baltimore. Medium early red	.30	.85	2.75
Greater Baltimore, (Indiana strain) certified	.35	1.00	3.75
Ground Cherry	.50	1.50	....
Gulf State. Midseason pink	.45	1.25	4.00
John Baer. A first early red	.30	.90	3.00
June Pink. Second-early pink	.45	1.25	4.00
Keystone (Penn State)	.45	1.25	4.00
Livingston's Globe. Midseason pink	.45	1.25	4.00
Matchless. Midseason red	.45	1.25	4.00
Nystate	.50	1.50	5.00
Oxheart. Pink	.65	2.00	7.50
Ponderosa. One of largest midseason pink	.50	1.50	5.00
Red Cap	.45	1.25	4.00
Red Cherry	.50	1.50	....
Red Currant	.50	1.50	....
Red Pear	.50	1.50	....
Red Peach	.50	1.50	....
Red Plum	.50	1.50	....
Rutgers. Red	.45	1.25	4.00
Rutgers, Certified	.50	1.50	5.00
Stokesdale	.50	1.50	5.00
Yellow Pear	.50	1.50	....
Yellow Peach	.50	1.50	....
Yellow Plum	.50	1.50	....
Stone, Improved. Medium early red	.30	.90	3.00
Trucker's Favorite. Pink	.45	1.25	4.00

Resistant Varieties

	Oz.	Lb.
Break O'Day. Red	.40	1.00
Early Baltimore. Red	.45	1.25
Early Baltimore, Certified	.50	1.50
Illinois Baltimore	.45	1.25
Illinois Pride. Red	.45	1.25
Marglobe. Red	.40	1.00
Marglobe, Certified	.45	1.25
Marhio. Pink	.50	1.50
Norton. Red	.30	.90
Prairiana. Red	.45	1.40
Pritchard. Red	.45	1.25
Pritchard, Certified	.50	1.50

Forcing Sorts

	Pkt.	Oz.	Lb.
Best of All. Red	\$0.25	\$0.75	...
Bonny Best. Red	.25	.75	...
Livingston's Globe. Pink	.25	3.00	...
Grand Rapids. Red	.25	2.50	...
*Marhio. Pink	.25	2.50	...
*Marglobe. Red	.25	2.50	...
*Michigan State. Red	.25	2.50	...
*Lloyd. Red	.25	2.50	...
*Blair. Pink	.25	2.50	...
*Sureset. Pink	.25	2.50	...
*Long Calyx. Red	.25	2.50	...
*Globelle. Pink	.50	3.50	...

*Resistant.

TURNIP

	Oz.	1/4 lb.	Lb.
Early White Milan. Earliest of all	\$0.10	\$0.25	\$0.80
Early Extra Purple Top Milan	.10	.25	.80
Purple Top Strap Leaf	.10	.20	.50
White Egg	.10	.20	.50
Purple Top White Globe	.10	.20	.50
Large Yellow or Amber Globe	.10	.20	.50
Golden Ball or Orange Jelly	.10	.20	.50
Cowhorn or Long White	.10	.20	.50
Early Snowball	.10	.20	.50
Seven Top	.10	.20	.50
Shogoin or Foliage Turnip	.10	.20	.50

RUTABAGA OR SWEDE

	Oz.	1/4 lb.	Lb.
Vaughan's American Purple Top Improved	.10	.25	.60
Bangholm Danish	.10	.25	.60
White Swede	.10	.25	.60
Canadian	.10	.25	.60
Neckless	.10	.25	.60

Insecticides and Fungicides

Add Postage According to Weight and Zone (See Order Blank).



In addition to the materials listed below we can supply any preparation on the market at the right price for your own use, or for resale. If you do not find the brand you wish listed, ask us for a price on the quantity desired. Attractive profits are earned by selling small-package insecticides at retail, for which sales most flower buyers are good prospects.

PARIS GREEN. Oldest and best brand. For chewing insects on potatoes and certain other hardy plants. Kills quickest. $\frac{1}{4}$ -lb. carton, 20c; doz., \$1.80; 1 lb., 40c; 5 lbs., \$1.75; 14 lbs., \$4.60.

ANSUL FORMALDEHYDE DUST. Control "damping off" of flower and vegetable seedlings. Price, 1 lb., 75c; 5 lbs., \$2.00; 25 lbs., \$5.50; 50 lbs., \$9.00.

ANT EXTERMINATOR. Non-poisonous powder which, if scattered about their haunts or runs, will kill or drive away ants from lawns, etc. (We do not send this outside of Illinois and New York.) Per box, 40c; smaller size, 25c; by mail, 5c extra.

ANTROL ANT POWDER. Kills ants, roaches, silverfish and other pests. Packed in handy shaker twist-top can. Ea., 15c; case of 24, \$2.40.

ANTROL ANT TRAPS. Kill both sweet and grease-eating ants. Packed 12 in a display carton, retail at 10c each; carton of 12 traps, 80c.

APHINE. $\frac{1}{2}$ pt., 40c; pt., 75c; 1 qt., \$1.10; 1 gal., \$3.00.

ARSENATE OF LEAD. The standard spray or dust for quick, dependable control of practically all leaf-eating (not sucking) insects. 1-lb. carton, 30c; doz., \$2.82; case of 24, \$5.40; 4-lb. bag, 75c; 48 lbs., \$7.20; 100 lbs., \$13.50.

BLACK ARROW DUST. A non-poisonous pyrethrum dust, effective against many insects. Price, 1 lb., 80c; doz., \$6.40; 5 lbs., \$2.25; 10 lbs., \$4.00; 25 lbs., \$8.95; 50 lbs., \$16.75; 100 lbs., \$32.00.

BORDEAUX MIXTURE. (Dry.) The best fungicide for curing and preventing black rot, mildew, blight, leaf curl, scab or other fungoid diseases on fruits and plants. One pound will make 5 gallons liquid. Lb., 30c; doz., \$2.60; 4 lbs., 70c; case of 24 lbs., \$3.50.

CALCIUM ARSENATE. (Dry.) Lb., 30c; 4 lbs., 70c.

CARBON DISULPHIDE. For ants and cut worms. 1 lb., 50c; $\frac{1}{4}$ lb., 25c; doz., \$2.00.

COPPER SULPHATE. Crystals. 10 lbs., \$1.50; 25 lbs., \$3.50; 100 lbs., \$12.50.

CUPROCIDE RED COPPER OXIDE. Use for dusting seeds to insure germination and prevent seed decay and damping off. May be used as a spray for mildew. 1 lb., 90c; 5 lbs., \$3.75; 20 lbs., \$12.50; 50 lbs., \$27.00.

CUPROCIDE 54. 3-lb. package, \$1.15; case of 16 pkgs., \$15.36.

CYANOGAS "A" GRADE. For moles, rats, gophers, and other ground rodents. $\frac{1}{2}$ lb., doz., \$3.60; 1 lb., doz., \$6.00; 5 lbs., each, \$3.00; 25 lbs., \$10.00; 100 lbs., \$25.00; 4-oz. tins for ants, doz., \$2.40.

CYANOGAS CALCIUM CYANIDE "G." Greenhouse fumigant. Aphids, white fly, thrips, soft scale, and mealy bug and control for crop-destroying rodents. 5 lbs., \$3.00; 25 lbs., \$10.00; 100 lbs., \$25.00. Write for leaflet; freight prepaid on 100-lb. lots.

CYCLONOX. A practical spray for the control of red spider, dilutes 1 to 400. Price, qt., \$4.70; gal., \$16.85; 5 gal., \$78.00.

DENDROL. Dormant tree and shrubbery spray. Price, per gal., \$1.25; 5 gals., \$3.45; 15 gals., \$8.80; 55 gals., \$33.00.

DERRISOL. Is an odorless, non-poisonous liquid, which will control sucking insects like aphids, thrips, leaf hoppers and red spiders, also controls currant worms and other leaf-eating larvae. Oz., 35c; doz., \$2.70; 8 oz., \$1.20; 2 lbs., \$3.00; 10 lbs., \$12.00.

DOGZOFF. Keep dogs and other animals away from trees, shrubs, evergreens, etc. Bottle, 60c; doz., \$4.80; gross, \$46.08.

DRY LIME SULPHUR. For dormant spray use 12 to 15 lbs. to each 50 gals. of water. For summer spray, 3 to 4 lbs. to each 50 gals. of water. Lb., 35c; doz., \$3.00; 5 lbs., \$1.50; 25 lbs., \$4.50; 100 lbs., \$11.50.

FISH-OIL SOAP. Standard wash for trees and plants where insects and eggs affect the bark. Lb., 30c; doz., \$2.50; 5 lbs., 95c; 10, \$1.85.

FLOWERS OF SULPHUR. Dusting grade. Lb., 15c; 10 lbs., \$1.00; 50 lbs., \$2.45; 100 lbs., \$3.85.

FUME TOBAC. 25-lb. drum, \$5.00; 50-lb. drum, \$8.00; 100-lb. drum, \$15.00.

FUNGINE. New remedy for mildew, rust and other fungus diseases for greenhouse and outdoor use. Pt., 60c; qt., \$1.00; gal., \$3.00.

GRAPE AND ROSE DUST. Excellent for the prevention and destruction of mildew on plants. Lb., 35c; 5 lbs., \$1.25; 10 lbs., \$2.25; 25 lbs., \$4.50.

HELLEBORE POWDERED, White. Less poisonous than Paris Green and safer to use when fruit and vegetables are nearly ripe. $\frac{1}{4}$ lb., 20c; $\frac{1}{2}$ lb., 35c; lb., 60c; 5 lbs., \$2.25; 10 lbs., \$4.00.

HITOX. Effective double active insecticide. Pt., \$1.75; qt., \$3.00; gal., \$9.00; 5 gals., \$40.00.

LEMON OIL. Destroys mealy bug, scale, red spider. $\frac{1}{2}$ pt., 30c; pt., 50c; qt., 75c; $\frac{1}{2}$ gal., \$1.50; gal., \$2.50; 5 gals., \$10.00.

LETHANE-440. A very effective insecticide for controlling red spider and mealy bug. Qt., \$2.75; gal., \$7.00; 5 gals., \$30.00; 15 gals., \$82.50.

LETHANE SPREADER. Gal., \$1.80; 5-gal. can, \$8.50.

LIME SULPHUR. (Solution.) The best remedy for San Jose scale. One gallon makes twelve. 1-qt. can, 50c; 1 gal., \$1.10; 5-gal. can, \$4.00. Write for prices in barrel lots.

LORO. A new contact insecticide for controlling aphids, thrips, red spiders, etc. Pt., \$2.00; gal., \$10.50; 5 gals., \$45.00.

RIDGID DUST (formerly Lutzite). The one dust that does triple duty. 1-lb. tins, each, 50c; doz., \$4.20; 10-lb. tin, \$3.25; 25-lb. drum, \$7.00; 50-lb. drum, \$12.50; 100-lb. drum, \$24.00.

MCCONNELL 114Y SPRAY. Qt., \$2.50; gal., \$8.50; 5 gals., \$37.50; 10 gals., \$70.00.

NAPTHOLINE FLAKES. 10 lbs., \$1.35; 25 lbs., \$3.25.

NAPOCIDIE. New plant and bulb fumigant; effective against thrips, wood-lice, sow bugs, wire worms, etc. 5 lbs., \$1.35; 10 lbs., \$2.25; 25 lbs., \$4.35; 100 lbs., \$13.75.

"NICO-FUME." A Tobacco Paper for Fumigating. Strips of paper strongly saturated with nicotine. Use 4 to 6 sheets for ordinary house 100 ft. long by 20 ft. wide. Price, 24 sheets, \$1.25; 144 sheets, \$4.50; 288 sheets, \$8.00.

NICO-FUME HOLDER. For 1-lb. size pressure fumigator. "Adaptor" is included for the $\frac{1}{2}$ -lb. size. Each, 85c.

NICO-FUME LIQUID. For fumigating or spraying; contains 40% nicotine. Lb., \$2.25; 4 lbs., \$5.75; 8 lbs., \$10.00.

NICO-FUME POWDER FUMIGATOR. Lights quickly, burns evenly and will not go out. No waste; every particle is consumed. It retains its strength indefinitely. 5 lb. tin, \$3.35; 10-lb. tin, \$5.85.

NICO-FUME PRESSURE FUMIGATOR. Put up in $\frac{1}{2}$ -lb. and 1-lb. cans, powder is now burned under pressure, giving better control of insects. The cans have a sparkler for lighting the powder. $\frac{1}{2}$ -lb. cans, 45c; six for \$2.40; doz., \$4.20; 1-lb. cans, 75c; six for \$3.75; doz., \$7.00. Orders for 36 1-lb. cans or 60 $\frac{1}{2}$ -lb. cans prepaid by freight in United States and many parts of Canada. Also on a combined shipment of both sizes in full case lots weighing a total of not less than 50 lbs.

NICO-ROTE. A combination of nicotine and rotenone. Kills by contact and fumes. Qt., \$4.00; gal., \$12.00.

NICOTINE. Fumigating powder. 10-lb. cans, \$5.85.

NIKOTEEN. 30% grade. For spraying and fumigating. Oz. bottle, 35c; doz., \$2.50; $\frac{1}{2}$ pt., \$1.00; pt., \$1.75; 3 pts., \$5.00; original case, 10 pts., \$16.00. 40% grade, 4 lbs., \$5.75; 8 lbs., \$10.00.

NO MOLE. The modern easy inexpensive way to destroy moles. They cannot resist the pleasing taste. They devour it and are quickly and surely destroyed. 14-oz. box, \$1.10; 28-oz. box, \$2.00; 9-lb. can, \$7.65.

NU-GREEN. A remedy for brown patch control in creeping bent lawns. 3-oz. tins each, 35c; doz., \$3.00; carton of 36 tins, \$8.40; 1-lb. tins, each, \$1.45; doz., \$11.50; 5-lb. tins, \$6.30; case of 6 tins, \$28.20. Write for price on larger containers.

PENETROL. An activator for nicotine spraying solutions. Qt., 75c; gal., \$1.75; 5 gals., \$6.75.

PINE TAR. For tree surgery. Qt., 60c; gal., \$1.25.

PYROTE. Double acting non poisonous insect spray. 1-oz. bottles, 12 to a display carton, price, \$2.75; 6-oz. bottles, 12 to a display carton, price, \$8.00; gal., \$11.00.

POMO GREEN. Without nicotine. The new green fungicide for roses and other flowers and ornamentals; will control black spot, mildew and chewing insects. Lb., 50c; doz., \$4.00; 5 lbs., \$1.75; 25 lbs., \$8.00.

POMO GREEN. With nicotine. Lb., 75c; doz., \$6.00; 5 lbs., \$3.00.

PYRETHRUM POWDER. Lb., 75c; 5 lbs., \$3.50; 10 lbs., \$6.00; 25 lbs., \$13.50. Write for price on larger quantities.

RED-O-LEN. Bench powder. 10 lbs., \$3.00; 25 lbs., \$6.00; 100 lbs., \$21.00.

RESPIRATORS. For mild fumigating and dusting. Each, \$1.75; 3 for \$4.95.

SULPHUR FOR SPRAYING. Magnetic spray. Wettable. Goes into suspension in water immediately like colloidal sulphur, at a lower cost. 4 lbs., 50c, 6 for \$2.75; 100 lbs., \$8.00.

INSECTICIDES AND FUNGICIDES—Continued.

ROTOGREEN FORMULA 106

1 pint.....	\$1.75	1 gallon.....	\$10.00
1 quart.....	3.00	5 gallons.....	40.00

Very effective for Thrip, Red Spider and Mealy Bug in addition to the more easily controlled pests. Does not burn and leaves no poisonous residue.

ACME COPPER QUEEN. A strong liquid copper spray for control of mildew, leaf spot and black spot on roses, flowers, and plants. Price, 8 oz., 35c; doz., \$2.80; qt., 85c; gal., \$2.00.

SCALECIDE. An oil preparation for San Jose scale. Use 1 gal. to 15 gals. water. Qt., 65c; gal., \$1.55; 5 gals., \$5.50; 10 gals., \$9.50. Write for price in barrel lots.

SELOCIDE. Kills red spiders. Price, gal., \$3.00; 5 gals., \$13.50; 10 gals., \$24.50; 30 gals., \$58.50; 50 gals., \$86.50.

SEMESAN. The universal seed disinfectant and plant stimulant. Important for control of damping off of seedlings, Gladioli, and disinfection of seed bed soil. Prices, 2 oz., 35c; doz., \$3.00; 1 lb., \$2.25; 5 lbs., \$9.90; 25 lbs., \$45.50; 100 lbs., \$180.00. Write for leaflets, stating for what purpose desired.

Write for leaflets on Semesan, Semesan Jr. and Semesan Bel.

SNAROL With Metaldehyde. An insecticide bait to combat snails, cut worms, sow bugs and grasshoppers. Price, 1½ lb., 35c; doz., \$2.80; 4 lbs., 85c; doz., \$6.80; 15 lbs., \$3.00; doz., \$24.00; 50 lbs., \$7.00.

GRASSELI S. S. 3 COMBINED SPREADER AND STICKER. Designed especially for use with agricultural sprays. Price, pt., 75c; gal., \$4.75.

SULPHATE OF IRON. A remedy for weeds on lawns, kills dandelions without injuring grass. Apply liquid with a fine spray. Particulars on application. 5 lbs., 35c; doz., \$2.80; 10 lbs., 65c; 25 lbs., \$1.00; 100 lbs., \$2.75.

SULROTE. A combination dust sulphur and rotenone. 1-lb. canisters (24 per case), per doz., \$3.20.

TARTAR EMETIC. A spray for the control of Thrip, a life saver for gladiolus growers. Price, 1 lb., 70c; 5 lbs., \$3.00; 25 lbs., \$13.50; 100 lbs., \$50.00.

THRIP JUICE No. 2. Destructive for mealy bug, scale, thrip, codlin moth, canker worm, beetles, caterpillars, etc. Pt., 65c; qt., \$1.25; gal., \$4.80.

TOBACCO DUST (Regular Grade). 10 lbs., 60c; 25 lbs., \$1.00; 100 lbs., \$2.95.

TOBACCO STEMS. 100 lbs., \$2.25; 500 lbs., \$9.50; 1000 lbs., \$18.00.

TRIO-GEN. Fungicide, insecticide and plant stimulant. A, small kit, makes 16 qts., \$1.50. B, medium kit makes 64 qts., \$4.00. C, large kit, makes 32 gallons, \$6.00. D, estate kit, makes 128 gallons, \$20.00.

VERMINE. For eel, cut worms and wire worms working in the soil. Can be applied to all vegetation. ½ pt., 40c; pt., 75c; qt., \$1.10; gal., \$3.00.

VOLCK. The Scientific Insecticide for nursery, greenhouse and garden. Controls scale, insects, mealy bug, white flies, red spiders, rust mites, aphids and thrips. Qt., 75c; gal., \$2.00; 5 gals., \$6.25; 14-gal. drum, \$14.00; 28-gal. drum, \$25.00; 54-gal. drum, \$45.00.

WILSON'S O. K. PLANT SPRAY. A powerful yet harmless and efficient insecticide for aphids, red spider, mildew, scale, etc. Price, qt., \$1.00; gal., \$3.00; 5 gals., \$12.00.

WONDER-GROWTH Insecticide, Fumigant and Fertilizer. A finely ground ALL Tobacco Insecticide, Fumigant and Fertilizer. Very effective in all three of its uses. A very excellent plant food for flowers, lawns, gardens and shrubbery. 25 lbs., \$1.50; 100 lbs., \$4.25.

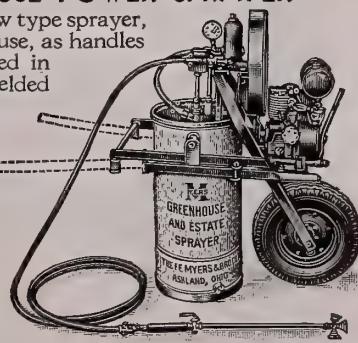
MYERS GREENHOUSE POWER SPRAYER

Power operated, wheelbarrow type sprayer, recommended for greenhouse use, as handles may be folded back, or reversed in narrow aisles. All steel welded frame, 12½-gal. galvanized tank, porcelain lined pump 225 lbs. pressure; ¼ H. P. motor or ½ H. P. gas engine. 15 ft. ¾" hose, shutoff and nozzle, 18 ft. pipe extension. Motor driven with 50 ft. of Cord and Plug, Steel wheel, Fig. 3061, \$78.00.

Motor driven with 50 ft. Cord and Plug, Rubber Tire \$88.00.

Engine Driven, Steel Wheel..... \$100.00
Engine Driven, Rubber Tire. Fig. 3062..... 110.00

Write for leaflet and price list on Hardie Greenhouse Special Power Sprayer.



Items You Can Sell

Following popular insecticides are priced in quantity for your use and also in small package assortments for re-sale.

Items below ordered in less than quantity quoted will be billed at a higher rate.

ACME ALL-ROUND SPRAY. A combination insecticide and fungicide to control sucking and chewing insects. Will combat blight and fungus diseases. ¼-lb. cans, doz., \$3.00; 1-lb. cans, doz., \$6.60.

ACME GARDEN GUARD. 1% Rotenone put up in 1-lb. sifter carton. Doz., \$2.58; carton of 24 for \$5.00; retails at 35c pkg.

ANT KILLER. Master ½-oz. bottles, doz., 75c; 2 oz., doz., \$2.00; 4 oz., doz., \$4.00.

ANTROL READY FILLED SETS. Consisting of four patented glass feeders. Per doz. sets, \$3.20. Retails at 40c set. Packed in a strong display carton.

ANTROL SETS for exterminating ants in lawn, garden, and flower beds. Containing 4 jars and 4-oz. bottle antrol syrup. Per doz. sets, \$6.00. Retails at 75c set.

APHIS SPRAY. A combination of Black Leaf 40 and Fish Oil Soap. Per doz. 3-oz. tubes, \$2.70. Retails at 35c per tube.

BLACK LEAF 40. Oz. bottles, doz., \$2.67; carton of 24, \$5.30; 5-oz. bottles, doz., \$8.00; 1 lb., \$2.00 ea.; 2 lbs., \$3.00 ea.; 5 lbs., \$5.75 ea.; 10 lbs., \$9.75 ea.

BUGGUN. Rotenone dust in a blower type package. Doz., \$2.80. Retails at 35c.

DAWG-GONE. Protects evergreens from dogs. Per doz. tubes, \$2.00.

MULTICIDE or New Evergreen. Killing power multiplied kills more insects, made especially for commercial growers, makes one spraying do the work of several. Qt., \$2.50; gal., \$9.50; 5-gals., \$42.50; 10 gals., \$82.00.

EVERGREEN SPRAY. A non-poisonous contact insecticide. Oz. bottle, 35c; per doz., \$2.70; per carton of 24 bottles, \$5.40; 6-oz. bottle, 85c; doz., \$8.00; gal., \$9.50.

NICOTINE PYROX. 17.6-oz. jars, doz., \$4.20; carton of 24, \$7.84; 5 lbs., \$1.50; case of 12, \$14.00; 25-lb. drum, \$5.65; 50-lb. drum, \$9.25.

PYROTE. A spray consisting of rotenone and pyrethrum. 1-oz. bottles, 12 in a display carton, \$2.75; 6 oz., doz., \$8.00; pints, doz., \$16.00.

PYROX. Combination insecticide and fungicide. 25 lbs., \$5.00; 100 lbs., \$12.50.

RATKISSES. Put up on easel card holding 12 25c pkgs., containing 12 ratkisses each. Price, per card, \$2.00; six or more cards at \$1.80 per card.

RED ARROW. A combined Rotenone and Pyrethrum spray. Assortment for re-sale. Per carton of 24-oz. bottles and 2 ¼-pint bottles. Price, \$5.40. Retails for \$10.40. ¼ pt., doz., \$8.00; pt., \$2.50; qt., \$3.60; gal., \$10.70; case of 6 1-gal. cans at \$10.35 gal.

ROTECIDE. Standard rotenone spray. Oz. bottles, doz., \$2.50. Per pint, \$1.75; qt., \$3.00; gal., \$8.00; 5 gals., \$35.00; 15 gals., \$95.00.

ROTENONE DUST ¾%. For control of Mexican bean beetle use this dust at rate of 15 to 25 lbs. per acre, depending on the density of the foliage for spraying. 1 lb. to 10 gals. of water. Price, 24 1-lb. bags, 17½ lb.; 6 5-lb. bags, 16c lb.; 25-lb. bags at 15c lb.; 50-lb. bags at 14½ lb.; 100-lb. bags, 13½ lb.; canister, 32c lb.

SLUG SHOT, Hammond's. An insecticide for destroying chewing insects. Doz. 1-lb. pkgs. for \$1.80; 5-lb. pkgs., 12 for \$7.20; 125-lb. keg, \$12.50; 250 lbs. in bulk, \$24.00.

TREE TANGLEFOOT. 6 oz., case of 24 cans, \$5.60; 1-lb. cans, per doz., \$5.80; per case of 24, \$11.20; 5-lb. can, \$2.45; case of 6, \$13.20; 10 lbs., \$4.50 each; case of 4 cans, \$16.80; 25 lbs., \$9.50 each.

WETTABLE DUSTING SULPHUR. Put up in attractive 2-lb. cans, which retail at 25c each. Price per doz., \$2.00.

The Kinney. Used for spraying liquid manures. Worked by Water pressure. Nickled iron. Construction simple. Ea., \$2.75.

Perfection Spray- er. Funnel top tank is made of heavier metal than used for similar sprayers,

while the valve and pump are very well made. The hose is attached at such an angle that it will not kink. For Whitewash, Water, Paints, and Insecticides.

Galvanized steel, \$6.50; solid brass, \$10.25.

Sturdy Bucket Pump. Excellent for use in gardens, greenhouses and orchards, also for whitewashing and spraying poultry houses. Price, without pail, \$3.75.



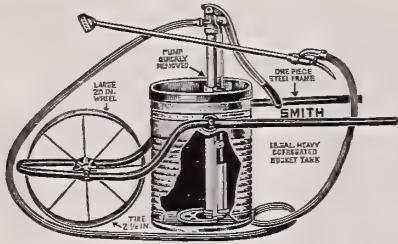
Sprayers and Dusters



SMITH'S LIGHTNING SPRAYER. A durable low priced sprayer, has a funnel top, made of heavy steel or solid brass, tank as illustrated. 3½ gallon capacity. Price, Galvanized, \$3.75; Brass, \$6.95.

BROWN'S NEW OPEN-HED. Tank heavy steel or brass copper alloy, 4-gal. capacity guaranteed for 100 lbs. pressure.

Electrically welded seams, double acting pump lock; tank opening is five inches in diameter; has a rubber double grip pump handle and swivel nozzle which can be adjusted to any angle. Price complete as illustrated: Galvanized tank, \$6.50; Copper, \$9.50.



WHEELBARROW SPRAYER. Goes anywhere like a wheelbarrow through narrow openings. For spray solutions, disinfectants or white wash. With extra long handle and large air chamber, develops from 150 to 200 lbs. pressure with minimum of effort. Made of best materials, all working parts of brass or bronze. Cart is strong, all steel and cross braced. Tank holds 18 gallons. Fully equipped with hose, nozzle fittings, steel extension, etc. Price, \$17.50. Shipping weight, 65 lbs.

Same as above. With air pressure tank, tested under pressure of 275 lbs., fitted with pressure gauge reading to 200 lbs. Price, \$27.95; with Pneumatic tire, \$34.95.

Greenhouse Wheelbarrow Sprayer. Similar to above, but with smaller pump. Width adapts it for greenhouse and nursery use. Handles all insecticides and fungicides. Price complete, \$11.50.

Paragon Wheelbarrow Sprayer. Greenhouse and Nurserymen Sprayer. 12-gal. capacity on one or two wheel barrow type truck. Complete with hose, rod and nozzles. Price, \$19.50.

Paragon Power Sprayer. 50 gal. Complete with gas engine or electric motor hose nozzle and fittings. Price \$210.00. Write for leaflet on this sprayer.

BLIZZARD COPPER CONTINUOUS SPRAYER.

Very durable, seamless brass pump, solid copper quart tank with adjustable nozzle for straight and underleaf spraying. Each, \$1.85; six for \$8.40.



POWDER GUNS. The best dry powder guns for blowing powder on plants and insects. **Cyclone.** Each, 20c; doz., \$1.80. **Jumbo.** Each, 45c; doz., \$4.20.



SCOLLAY'S FAMOUS FLORISTS' SPRINKLER.

We Are General Western Agents.

None better for floral work. Beware of cheap imitations. Made of best quality of rubber and will outwear any other sprinkler on the market. Large size, plain top, No. 1, 6 in. high, each, \$1.25; 3 for \$3.45; doz., \$12.00.

SYRINGES, BRASS. No. "0". Length 12½ in.; diameter 15/16 in. Ea., \$2.50. No. 11. Length 18 inches, 1 stream, 2 sprays, \$6.25.

No. 5. Best for general greenhouse use. \$7.00.

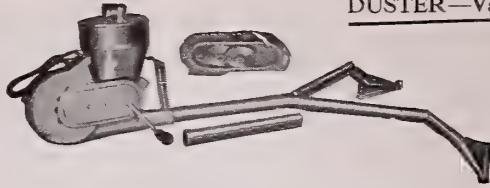


Standard Spray Pump. This pump is bucket, barrel or knapsack pump, as desired. Price, \$4.00. With knapsack and curved extension, \$8.00.



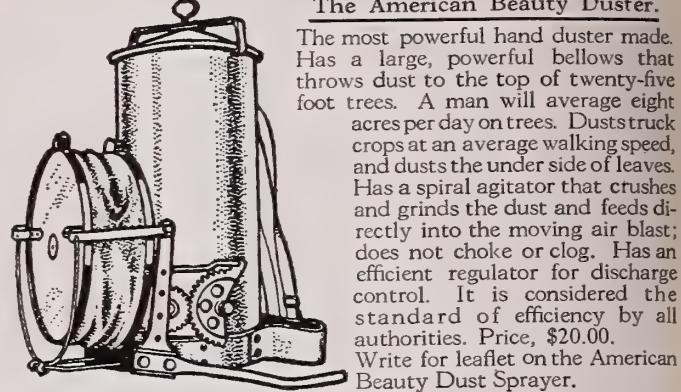
SPRAYERS AND DUSTERS—Continued.

DUSTER—Vaughan's No. 100.



A very handy dry powder gun; can dust two rows at a time. Preferred by market gardeners everywhere. Each, \$8.75. Write for illustrated booklet.

The American Beauty Duster.

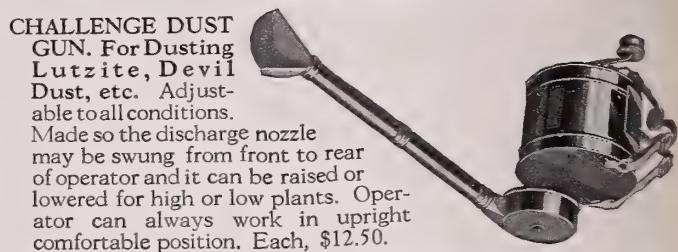


The most powerful hand duster made. Has a large, powerful bellows that throws dust to the top of twenty-five foot trees. A man will average eight acres per day on trees. Dusts struck crops at an average walking speed, and dusts the under side of leaves. Has a spiral agitator that crushes and grinds the dust and feeds directly into the moving air blast; does not choke or clog. Has an efficient regulator for discharge control. It is considered the standard of efficiency by all authorities. Price, \$20.00. Write for leaflet on the American Beauty Dust Sprayer.

CHALLENGE DUST GUN.

For Dusting Lutzite, Devil Dust, etc. Adjustable to all conditions.

Made so the discharge nozzle may be swung from front to rear of operator and it can be raised or lowered for high or low plants. Operator can always work in upright comfortable position. Each, \$12.50.



FEENEY MODEL B DUSTER.

Each, 75c; doz., \$6.60.



FEENEY MODEL F DUSTER.

Holds about one quart, the long extension tube allows the operator to dust low growing plants without stooping. Two nozzles or spreaders are provided, one curved nozzle for the Mexican bean beetle control, and a straight nozzle for general purpose dusting. Price, \$1.00; doz., \$9.00.

MIST MAKER. For spraying plants, clothes, moth liquids, etc. Jar made of sturdy glass cap, 11 oz. Metal parts are of brass except handle and plunger tab which are of steel, all being heavily nickel plated. Stands 7 inches high. Price each, 75c; doz., \$5.40.

SPHAGNUM AND SHEET MOSS



SPHAGNUM MOSS. Bright, clean, new growth, free from brush or grass, is being worked out in Wisconsin district. We quote L. C. L. lots as follows:

Burlapped Bales. (45x14x16 inches). F. O. B. Wisconsin Points. For car- loads, write us.

Prices Subject to Change Without Notice.

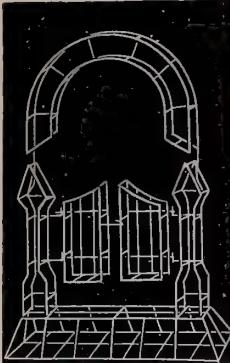
	F. O. B. Chicago	F. O. B. Woods
1 to 5 bales.....	Each, \$1.00	
6 to 10 bales.....	" .90	Each, \$0.75
11 to 24 bales.....	" .85	" .70
25 to 49 bales.....	" .80	" .65

New York Prices 35c per bale higher. Cartage Free. Sheet Moss green, Extra fancy large sacks for Windows, Baskets, etc. Per sack, \$1.35; 5 sacks, \$6.25. Order Early, as the Above Prices are Expected to Advance.

Florists' Wire Designs

F. O. B. NEW YORK
New York Terms Net
No Packing Charges

Many other and odd designs can be made and supplied on short notice, but they are made entirely at the risk of the buyer as to correctness; we accept orders on no other basis. Large Discount if you order big. Send us your list for estimate. We meet all honest competition on these goods, quality considered.



GATES AJAR



LYRE ON BASE



FAITH, HOPE AND CHARITY



STAR ON BASE



HARP ON BASE



ANCHOR ON BASE

ANCHORS—Flat

Inch	Price	Inch	Price
10.	\$0 20	20.	\$0 50
12.	25	22.	55
14.	30	24.	60
16.	35	27.	70
18.	45	30.	90
		35.	1 05

Anchor on Base

Inch	Price	Inch	Price
12.	45	22.	95
14.	55	24.	1 10
16.	65	27.	1 25
18.	75	30.	1 50
20.	85	36.	2 00

Anchor and Cross on Base

Inch	Price	Inch	Price
12.	45	20.	75
14.	50	24.	85
16.	55	27.	1 15
18.	65	30.	1 35
		36.	1 75

ANCHOR and CROSS

Inch	Price	Inch	Price
10.	20	20.	45
12.	25	22.	50
14.	30	24.	60
16.	35	27.	70
18.	40	30.	90
		36.	1 25

BASES

Inch	Price	Inch	Price
5.	18	9.	40
6.	20	10.	50
7.	25	11.	75
8.	35	12.	1 00

HANGING BASKETS

Plain	Top
8. doz.	2 10
10. doz.	2 25
12. doz.	2 60
14. doz.	3 00
	10 00

Hanging Baskets, Fancy Top

doz.	2 75	doz.	5 75
10.	3 25	18.	7 50
12.	3 50	20.	8 50
14.	4 50	22.	10 00
		24.	12 00

BELLS—Single Frame

each	25	each	60
10.	30	18.	80
12.	40	21.	1 15

Bells, Double Frame

each	60	each	1 00
12.	75	18.	1 35
		21.	1 75

BROKEN WHEEL

On Reclining Stand	1 50
15.	65
18.	75
21.	1 00
24.	1 25

Broken Wheel on Easel

15.	85	27.	2 25
18.	1 10	30.	2 50
21.	1 40	33.	3 25
24.	1 75	36.	3 75

Broken Wheel on Base

15.	80	27.	2 35
18.	1 20	30.	2 75
21.	1 50	33.	3 50
24.	1 85	36.	4 50

CASKET CROSS

12.	24	24.	60
15.	30	27.	80
18.	35	30.	85
21.	45	33.	1 00

CRESCENT

10.	15	16.	28
12.	18	18.	35
14.	23	21.	50
		24.	70

Crescent on Base

10.	35	16.	70
12.	45	18.	85
14.	55	21.	1 00
		24.	1 25

PACKING CHARGES AT COST

F. O. B. CHICAGO

DISCOUNTS:

5%	on orders of \$10.00 or over
10%	on orders of 20.00 or over
15%	on orders of 40.00 or over
20%	on orders of 75.00 or over

Compare These Prices. They are Much Lower than Many so-called Net Prices.

inch	Price	inch	Price
10.	\$0 20	20.	\$0 50
12.	25	22.	55
14.	30	24.	60
16.	35	27.	70
18.	45	30.	90
		35.	1 05

inch	Price	inch	Price
10.	\$0 15	21.	\$0 50
12.	18	24.	50
14.	25	27.	85
16.	30	30.	1 15
18.	35	35.	1 40

inch	Price	inch	Price
10.	\$0 15	21.	\$0 50
12.	18	24.	50
14.	25	27.	85
16.	30	30.	1 15
18.	35	35.	1 40

inch	Price	inch	Price
10.	\$0 15	21.	\$0 50
12.	18	24.	50
14.	25	27.	85
16.	30	30.	1 15
18.	35	35.	1 40

inch	Price	inch	Price
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12.	18	24.	50
14.	25	27.	85
16.	30	30.	1 15
18.	35	35.	1 40

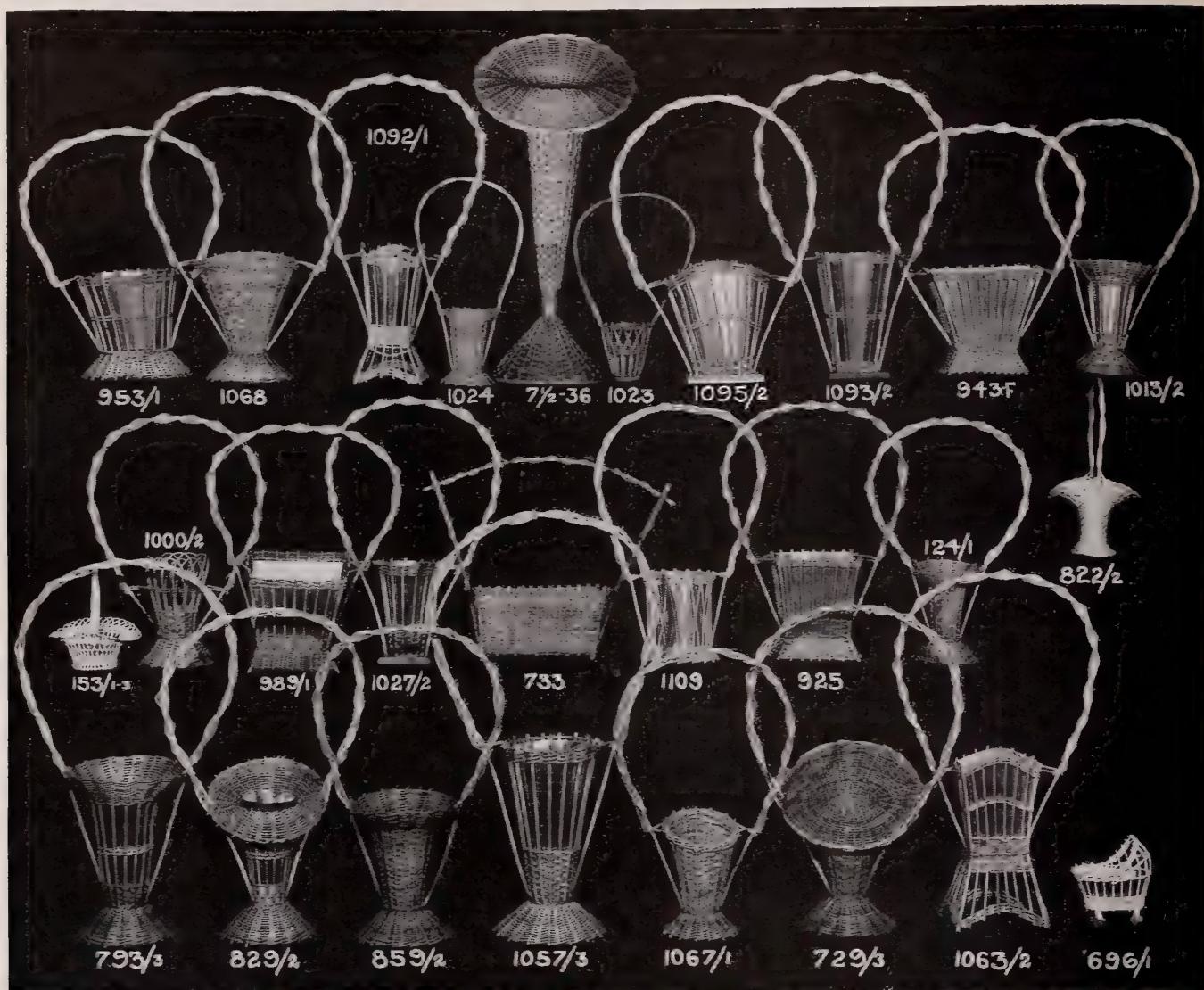
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10.	\$0 15	21.	\$0 50
12.	18	24.	50
14.	25	27.	85
16.	30	30.	1 15
18.	35	35.	1 40

inch	Price	inch	Price
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18.	35	35.	1 40

inch	Price	inch	Price
10.	\$0 15	21.	\$0 50
12.	18	24.	50
14.	25	27.	85
16.	30	30.	1 15
18.	35	35.	1 40

inch	Price	inch	Price
10.	\$0 15	21.	\$0 50
12.	18	24.	50
14.	25	27.	85
16.	30	30.	1 15
18.	35	35.	1 40

inch	Price	inch	Price
1			



Lowest Prices We Have Ever Quoted on Baskets

The Baskets we illustrate on this page are mostly well known styles. We can make any kind of a basket for you with your specifications. Give us a trial order for a \$10.00 assortment of baskets

and we assure you that you will be delighted with Vaughan's quality and price. Our baskets are two-tone finish unless otherwise desired.

No.	Opening Inches	Height of Body, Inches	Overall Inches	Price Each
124/1 Sp.	3 1/2	10	25	\$0.60
124/2	4	12 1/2	28	.75
696/1	8 x 4 3/4		8	.80
696/2	10 x 5 3/4		9 1/2	.95
729/2	4	14	28	1.05
729/3	6	17 1/2	32	1.35
733	13 1/2 x 5 1/4	7	21	1.00
793/3	6 1/4	17	37	1.25
822/1	8 1/2		16	.50
822/2	9 3/4		18	.60
822/3	11		21	.70
829/1	5 1/2	12	26 1/2	.80
829/2	5 1/2	17	32	1.10
859/1	5	11 1/2	28	.80
859/2	5 1/2	13	31	1.00
925	8 3/4 x 5	11	26	.90
953/1	9 3/8 x 7	11	26	1.00
953/2	12 1/2 x 7 1/2	13	31	1.25
943F	11 x 7 1/2	11	27	1.10
989/1	10 x 5 1/2	11 1/2	25	.95
989/2	11 x 5 1/2	13	29	1.25
991/1	10 x 5 1/2	21	41	1.50
991/2	10 3/8 x 7	23	48	1.75
1000/2	5 1/2	11 1/2	26	.85

No.	Opening Inches	Height of Body, Inches	Overall Inches	Price Each
1013/2	4 1/2	12	27	\$0.75
1023	3 1/2	6	20	.30
1024	3 1/2	7 1/2	21	.40
1027	6	10 1/2	27	.60
1057/1	5 3/4	13	32	.70
1057/2	7	15	33	.90
1057/3	8 1/2	19 1/2	41	1.35
1063/2	8 x 5	17 1/2	35	1.25
1063/1	8 x 5	13 1/2	30	1.00
1067/1	6	12 1/2	29	.75
1067/2	7	17	34	1.05
1068	10 x 5 1/2	13	30	1.20
1092/1	6 3/4 x 6 1/2	14 1/2	32	.85
1095/1	8 3/8 x 5 3/4	9 1/2	26	.65
1095/2	10 3/4 x 6	12 1/2	30	.90
1095/3	12 x 7 1/2	13 1/2	33	1.20
1095/4	13 x 9	14 1/2	35	1.60
1095/5	16 x 10 1/2	17 1/2	38	2.20
1093/2	7 1/2 x 7 1/2	13	32	.90
1093/3	8 x 8	15	36	1.10
1109	6 1/2	9	26 1/2	.55
153/1-3	8 3/8 x 11 1/2	Set of 3	1.40	
7 1/2 Tiffany Vase	24"	30"	36"	42"
7 Straight Vase	\$2.00	\$2.90	\$3.30	\$4.00
Galvanized iron liner and weighted bottom.				

Ribbons and Chiffons



Radiance

Pattern 1900, No. 5 Radiance Ribbon. Used for tying mats and crepe paper around pots, also used for making bows for basket and wreath work. Put up in 50-yard spools. Comes in all colors. Per spool, 85c. Box of 20 spools at 80c spool.

Novelty Tinsel Pot Tie Ribbon. Brilliant metallic colors which lend themselves to varieties of flowers and plants. This is one of the biggest selling items in pot ties. Also used on corsage bouquets, wrist and shoulder shields. 50-yd. bolts, width $\frac{3}{4}$ inch. Per bolt, 50c; 10 bolts for \$4.75.

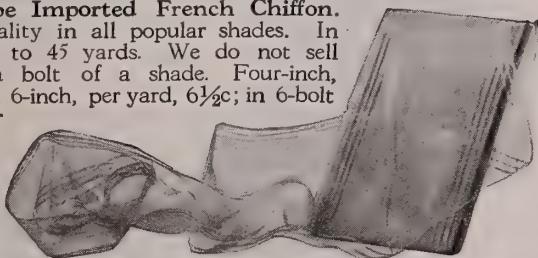
Picot Edge White Ribbon. Suitable for plant decorations, bridal sprays, etc.; white and pink. No. 2, spool of 50 yards, 65c; 10 spools for \$5.50.

No. 1 Baby Ribbon. Any color. Spool of 50 yards, 60c; doz., \$6.00.

Tinsel Ribbon. One inch wide, a rich pot tie ribbon also used for making bows for baskets and wreath work. In gold, silver or green or red gold, 50-yd. spool, \$1.25; 10 spools, \$11.50.

Plain 3-Stripe Imported French Chiffon.

Superior quality in all popular shades. In bolts of 40 to 45 yards. We do not sell less than a bolt of a shade. Four-inch, per yard, 5c; 6-inch, per yard, 6 $\frac{1}{2}$ c; in 6-bolt lots, 6c per yard.



We offer only the best grades especially adapted for Florists' use, but can also supply other grades not listed.

Dotted Chiffons, all shades. In bolts of 40 to 45 yards. Sold only in original bolts. 6-inch, per yard, 7 $\frac{1}{2}$ c.

Corsage Pins. Pearl heads, finest made, assorted colors. Per gross, \$1.25.

Corsage Ties (Cord and Tassels). Per doz., 65c; per gross, \$6.50.

Metaline. This ribbon has a bright metallic lustre with striped edges, width 5 $\frac{1}{2}$ inches, for baskets and bouquets; we carry a stock of all colors. Price per bolt of 40 yards, \$1.20; ten bolts, \$11.50.

Ribbonzene Crinkle Baby Ribbon No. 1. For tying cards. All colors. 500-yard spool, 90c; doz. spools, \$10.20.

Valley Pattern Chiffon. Pink, white, lavender and purple. 6-inch, per yard, 7 $\frac{1}{2}$ c. Six bolts at 7c per yard.



Special Metaline. Approximately 5 inches wide. A popular number for use on low priced work, all shades. 40-yd. bolts, per bolt 95c; 10 bolts for \$9.00.

Rubberized Shoulder Shields. Per doz., 75c; gross, \$7.00.

Corsage Shields, Shoulder or Wrist Shields. Chiffon edge. Per doz., \$1.25; per gross, \$12.50.

Waist Shields. Chiffon edge. Corsage large, medium and small. Per doz., \$1.50; per gross, \$15.00.

Glazing Tools and Materials

ALL THE BEST MATERIALS FOR GREENHOUSE USE
MASTICA, For Glazing



Greenhouses. The use of "Mastica" avoids the necessity of repeatedly reglazing the houses, saving much time and expense. Broken glass easily removed and replaced by new without breakage of other glass, which usually occurs with hard putty. One gallon will cover about 290 running feet (one side). Price, per gal., \$2.45; 5 gals., \$11.75; 10 gals., \$23.00.

MASTICA MACHINE—Each, \$3.00.

GARLANITE. The original white glazing compound, remains soft and flexible, easy to apply and to remove. Price 40 and 60-gal. drums, \$2.30 per gal.; kegs, 10 and 20 gals., \$2.35 per gal.; 5-gal. kegs, \$2.60 per gal.; gal. cans, \$2.65. 10 gals. or more prepaid.

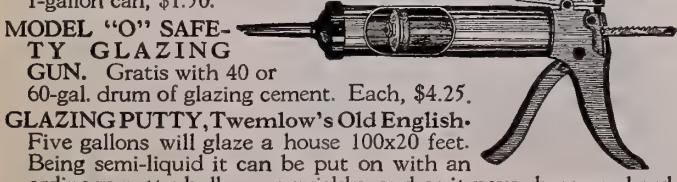
GARLAND WHITE SHADING COMPOUND. 25 lbs. is equivalent to 2 gals. 25 lbs., \$3.50; 50 lbs., \$6.50; 100 lbs., \$12.00; 200 lbs., \$22.00; 300 lbs., \$33.00; 500 lbs., \$52.50, F.O.B. Chicago or Cleveland, O. 100 lbs. or more, freight prepaid and shipped from factory.

MOUNT BEACON. Dark green shading for greenhouses. 1 gal., \$2.75; 5 gals., \$13.00.

VAUGHAN'S GREENHOUSE BULBING CEMENT. A pure asphalt glazing compound for greenhouse use. Will not crack or run and adheres to all glass and framework or sash. One gallon to 300 linear feet. Apply with Mastica Machine or Bulber. 60, 40 and 20-gal. drums at \$1.00 a gal.; 10 and 5-gal. drums at \$1.30 a gal.; 1-gallon can, \$1.50.

MODEL "O" SAFETY GLAZING GUN. Gratis with 40 or 60-gal. drum of glazing cement. Each, \$4.25.

GLAZING PUTTY, Twemlow's Old English. Five gallons will glaze a house 100x20 feet. Being semi-liquid it can be put on with an ordinary putty bulb very quickly, and as it never becomes hard, broken glass can always be removed without any danger to the other lights. Per gal., \$2.60; 5 gals., \$12.50; 10 gals., \$24.50.



PAINT, Vaughan's Greenhouse White. This is a full oil paint, has good lustre and body and is not liable to peel off or crack. Per gal., \$2.95; 5 gals., \$14.00; bbl. at \$2.65 gal.

CLAMP, Peerless Repair.

Simple device for repairing broken greenhouse glass. Easily adjusted from inside of house. Saves labor, coal and glass. If applied as soon as crack is noticed, the pane is just as strong as before and will not sag or drop out. Price, per box of 100 clamps, \$1.25. Five boxes for \$6.00.

TROJAN ROLLER TYPE

GLASS CUTTER. Doz., \$1.80; each, 20c.

PUTTY KNIFE, No. 120. A very good tool. Each, 40c; 3 for \$1.10.

PUTTY BULB, Scollay's. A useful tool similar to the well-known Scollay Sprinkler, with a tube instead of spray for applying liquid putty in glazing greenhouses. Each, \$1.35; 3 for \$3.75; doz., \$13.00.

GLAZING POINTS, Vaughan's Perfection—No rights or lefts.

No. 2. For large single thick glass. No. 2 $\frac{1}{2}$. Double thick, for greenhouses and skylights.

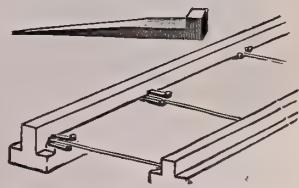
No. 2. Price, per lb. (about 900), 60c; in lots of 5 lbs., 55c per lb.; No. 2 $\frac{1}{2}$. Per lb. (about 800), 60c; 5 lbs. at 55c per lb.

Write for prices in larger quantities.

SIEBERT'S IMPROVED.

Easy to drive and made so they will not wedge or crack glass in driving. The head gives a good surface and makes it very easy to drive with a chisel, and the point is very easily pulled out in repairing greenhouse roof. Two sizes, $\frac{5}{8}$ and $\frac{7}{8}$ inch long, put up in 1-pound packages. Over 1,500 points in 1-lb. pkg. of $\frac{5}{8}$ in; over 1,000 points in 1-lb. pkg. of $\frac{7}{8}$ in. Price: per lb., 50c; 5 lbs., \$2.25; 20 lbs., \$8.00.

**VAUGHAN'S
PERFECTION
POINT**



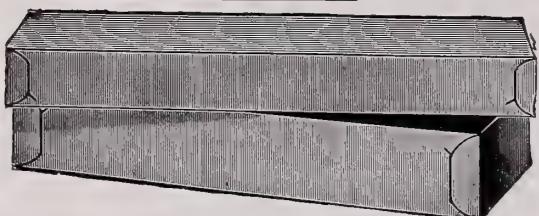
Supplies for the Florist Shop

CUT FLOWER BOXES

Printing any single color. Per 1,000, \$2.75.

Printing gold or silver. Per 1,000, \$4.00.

When ordering printed boxes, allow a week or ten days extra for delivery.



VAUGHAN'S "GREEN" GRADE.

Fine, green-lined, moisture-proof board. Very popular.

Size in inches	Weight Per 25	Per 100	Per 100	Size in inches	Weight Per 25	Per 100	Per 100
18 x 5x3	\$1.35	351 lbs.	\$3.95	5x24x8	\$2.60	70 lbs.	\$7.75
3 x 21x5	1.45	40 lbs.	4.10	5x28x8	2.75	90 lbs.	8.10
3 1/2 x 24x5	1.65	50 lbs.	4.95	5x36x8	3.45	125 lbs.	10.75
3 1/2 x 30x5	1.90	65 lbs.	5.60	5x42x8	4.40	165 lbs.	14.95

FLORAL DESIGN BOXES.

Mist grey. Full telescope.

Per 25	Per 100	Per 25	Per 100		
No. 25. 7x30x12...	\$5.10....	\$18.50	No. 27. 8x20x20....	\$6.25....	\$22.50
No. 26. 8x36x14...	7.45....	24.95	No. 28. 8x24x24....	8.00....	29.95

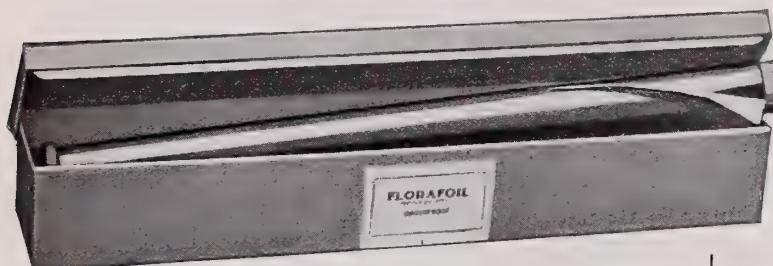
Packed 25 complete per bundle.

CORSAGE BOXES.

Shallow lid, mist grey.

8x5x4	Per 25	Per 100	12x8x5 1/2	Per 25	Per 100
10x6x5 1/2	\$1.10	\$3.25	1.50	4.35	

Write for Special Discounts on quantity orders.



FLORAFOIL. Colored aluminum foil used for pot covers, etc. Rolls 20 inches wide. Colors violet, silver, gold, green, red, purple, fuchsia, pastel green, pastel blue, black and blue. Per 50-ft. roll, \$1.25; six rolls for \$6.90.

SATINET. The aristocrat of the florist foils. A smooth lustre—a soft as satin finish—a full range of colors, carefully chosen to blend harmoniously with Easter and spring flowers. Comes in rolls 50 feet long, 20 inches wide. It can be used effectively on corsages, on larger floral pieces, to wrap basket handles, and in many other ways. Satinet is available in Orchid, Sky-Blue, Nile Green, Pink, Purple, Red, Creen, Gold, Fuchsia and Silver Blue. Per roll, \$1.25; 6 rolls for \$6.90.



Floralife

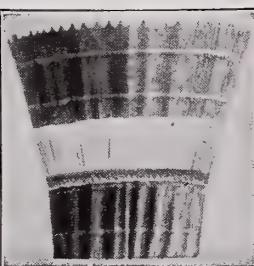
Helps flowers live longer. In handy display cartons. Price, carton of 100 pkgs., \$5.00, your selling price, 10c per pkg.

New Handy Seeder

This little handy seeder will sow seeds up to size of sweet peas, scatters seed individually, prevents crowding and choking of seedlings, eliminates guess work



because you can see each seed drop, no matter how fine. Saves time because you can sow seeds twice as fast. Price, each, 45c, postpaid; three for \$1.10.



STICK-TO-IT POT COVERS. Made of waterproof crepe paper with elastic band around same. These pot covers come already pleated with a crepe ruffle around center, giving a pot tie effect. Moss green

Doz.	100
5 in.....	\$0.85
6 in.....	1.10
7 in.....	1.35
8 in.....	1.50
	10.50

Paper—Tissue, Wax

Prices on Paper Subject to Market Changes.

Pure White Glazed Florist Tissue. The best grade white glazed 11 lb. basis. 24x36 inches, F. O. B. Chicago, ream (480 sheets), \$1.15; 10 reams (4,800 sheets), \$10.00; F. O. B. New York, ream (480 sheets), \$1.60; 10 reams (4,800 sheets), \$13.00.

White Wax. Medium, 24x36 inches; F. O. B. Chicago, 400 sheets, \$1.50; F. O. B. New York, 480 sheets, \$1.75.

Green Wax. Beautiful shade light green, 24x36 inches, F. O. B. Chicago, 400 sheets, \$1.65; 10 reams for \$15.50; F. O. B. New York, 480 sheets, \$2.00.

Green Wax Wreath Rolls. Used for wrapping mossed wreaths and wire designs. 3-inch rolls; a time-saver and no waste. Per box of 12 rolls, \$1.85; 3 boxes for \$5.25.

Green Wax on Rolls. 24-inch width; approximate weight per roll, 48 lbs.; per lb., 21c.



Waterproof Crepe Paper. In green, pink, lavender, yellow and purple; per roll, 29c; per doz., \$3.25; 25 rolls, \$6.50; 100 rolls, \$24.95.

Kraft Wrapping in rolls, all weights and sizes. Price, per lb., 7 1/2c; green Kraft plain, any size roll, per lb., 9c.

PAPER CUTTERS. 24, 30 and 36-inch. Price, complete, \$2.75; extra heavy cutters 48-inch, each, \$10.50; 60-inch, each, \$12.50.



Paper Cutter



MATS, Imported Japanese Chip. Used for decorating all blooming plants. Assorted colors, plain and two-tone, per 100, \$4.85; 500 for \$23.00.

Prepared Leaves,

IMMORTELLES, Colored. White, Purple, Bright Scarlet, Pink, Blue, Light Green; bunch, 60c; doz., \$6.00.

Natural (Yellow), bunch, 60c; dozen, \$6.00.

Write for prices on larger quantities.

MAGNOLIA. Bronze, Green, Purple. Most popular leaf ever introduced for wreaths, etc. Adapted to all weather conditions. Price, any color, per carton, \$1.50; 6 at \$1.45; 50 lbs., \$9.75; case of 100 lbs., \$18.75 each; Red, per carton, \$1.85.

LYCOPODIUM. Prepared. 10 lbs. to carton, \$1.95; 25-lb. carton, \$4.35; 100 lbs., \$17.00.

OAK LEAVES. Prepared. Unsurpassed for Wreaths, Garlands, etc. Prepared in Light Autumn Red, Green and Leather-Brown. Price, per carton, \$1.35; 6 cartons, \$1.25 each.

TRANSPARENT OAK BRANCHES. Dr. Dux Autumn or Red. Per lb., \$1.15; 5 lbs. for \$5.50; 10 lbs. for \$10.50.

RUSCUS. Dyed Red or Green. Best quality. Price, 1 lb., 75c; 5 lbs. for \$3.25; 10 lbs. for \$6.00.

IMPORTED STATICE. Used extensively in Wreaths and Baskets. Natural, per lb., 85c; 10 lbs. for \$7.50.

GYPSOPHILA (Baby Breath). Pure white double Colorado grown, large fluffy bunches. No florist should be without this handy fill-in for floral work or baskets. Price, per bunch, 95c; 6 bunches for \$5.40.

COLORED GYPSOPHILA. Rose-pink, orange, nile green, yellow, blue, and violet. Per bunch, \$1.35; 6 bunches for \$6.50.

SPLIT BAMBOO. Plant Stakes. 12-inch: per 1000, \$1.20; per bale of 2000, \$2.20; 18-inch: per 1000, \$1.65; per bale of 2000, \$3.20.

WIRED PICKS.

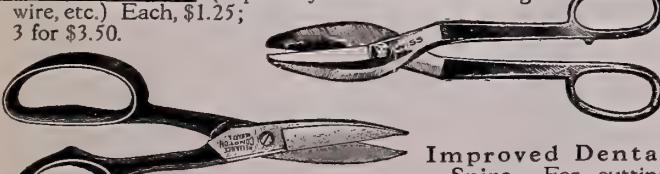
2½-inch Plain	Box of 10,000	\$ 2.50
3 -inch Green	Box of 8,000	3.25
4 -inch Green	Box of 4,500	2.95
6 -inch Green	Box of 3,000	2.50
2½-inch Plain	Case of 50,000	10.95
4 -inch Green	Case of 10,000	5.45

MATCH or HYACINTH STICKS.

Dyed green; 5-inch, 65c; 12-inch, \$1.35; carton of 9000, \$10.80; 18-inch, \$1.80 per 1000; carton of 6000 at \$9.90.



FLORISTS' SNIPS (Especially suitable for cutting wire, etc.) Each, \$1.25; 3 for \$3.50.



Improved Dental Snips. For cutting annealed wire, ribbons, chiffon, etc. Each, \$1.25; 3 for \$3.50.

TWINE "The Queen" White Cotton Twine. 3 or 4-ply. Put up in 5-lb. sacks, 30 balls to a sack. Price, \$2.00. Write for prices on larger quantities.

Bouquet Material

TWINE—Continued.

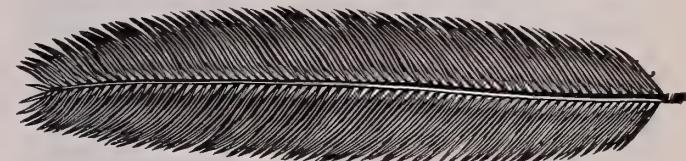
Polished Cotton. No. 228, for parcels. In ½-lb. balls, 40c per lb. **Jute.** For bunching; 2 or 3-ply. Per lb., 28c; 10 lbs., \$2.35; per 100 lbs., \$21.00.

Silkaline. For stringing Smilax, etc., fast green color, will not fade or break. FFF, Coarse 2-oz. spools, 1 lb. in box, 8 spools, \$2.25; FF, Medium, 2-oz. spools, 1 lb. in box, 8 spools, \$2.25; F, Fine, 2-oz. spools, 1 lb. in box, 8 spools, \$2.25.

TUBE ROPE. 6-Ply Heavy. 50-lb. Reel, \$8.50.

TIN FOIL. Florists' Foil. 5, 6 or 7 inch, 1-lb. rolls. 25c; 10 lbs., \$2.00; 25 lbs., \$4.75; 50 lbs., \$9.00; 100 lbs., \$17.00.

Violet or Green Foil. Per lb., 45c; 10 lbs., \$4.00; 25 lbs., \$8.75



CYCAS LEAVES. Prices subject to change without notice.

Length	Pkg. of 10	Length	Pkg. of 10
4 to 8 in.	\$0.25	28 to 32 in.	\$0.60
8 to 12 in.	2.25	32 to 36 in.	6.25
12 to 16 in.	.35	36 to 40 in.	.90
16 to 20 in.	.40	40 to 44 in.	1.00
20 to 24 in.	.45	44 to 48 in.	1.20
24 to 28 in.	.50		10.00
	4.35		

Florists' Thread, Green.

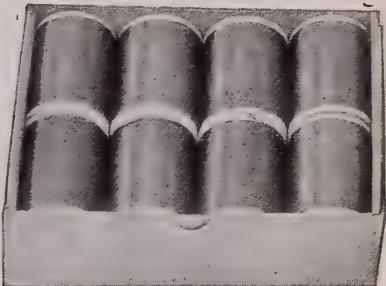
Myers' best brand. Similar to Silkaline, 8 spools to a box. Per lb. box, \$1.00; 10 boxes at 95c per box.

Green Sea Island Twine.

Used for wrapping small packages—also for spray and design work. Put up in balls. 1-lb. box, 70c; 5 boxes at 65c per box.

Creen Sea Is'and Twine.

2 lbs., per cone, \$1.20; 3 cones for \$3.30.



WIRE. (Prices subject to change.) Florist Wire on 12-lb. coils.

No. 18	.....	\$ 1.30
No. 20	.....	1.50
No. 22	.....	1.60
No. 24	.....	1.85
No. 26	.....	2.00
No. 28	.....	2.35

FLORISTS' CUT WIRE. Clean, extra soft white wire, cut in 12 or 18-inch lengths, 12 lbs. to box

No.	18	20	21	22	24	26	
Price	\$1.35	\$1.45	\$1.60	\$1.70	\$2.40	\$2.95

GALVANIZED WIRE COILS. Used for stringing benches in Carnation and Rose houses. No. 16, per 12-lb. stone, about 1200 ft., \$1.60; 100-lb. coil, \$7.75. No. 18, per 12-lb. stone, about 1800 ft., \$1.70; 100-lb. coil, \$8.25.



FERN PIN. New Philly.

The bend holds the leaves firmly; easier to handle. Per box, \$1.85.



PINS, GREENING. Adapted for pinning on galaxy leaves, dagger or fancy ferns, sheet moss, etc., \$1.85 per box of about 10,000.

BULL DOG CLIPS. The clip with the grip. Per box of 1,000 clips, 50c; 10 boxes for \$4.50.

Prices Subject to Change Without Notice.

Greenhouse and Florists' Supplies

Prices quoted in this catalogue are subject to change without notice, owing to the unstable condition of the market. This applies particularly to Fertilizers, Wire, Tinfoil, etc. For parcel post rates see order sheet.

APRONS, RUBBER. These are especially made for us of the best quality sheeting, pliable and durable and extra long. Each, \$1.85; 3 for \$5.25. Postage, 20c each, extra.



Letters and Figures

BOSTON SCRIPT. Neatest ever made. Can supply the following words: Asleep, Baby, Husband, Wife, Grandpa, Grandma, Father, Mother, Brother, Sister, Rest, At Rest, Our, My, Finis and Friend. Per letter, each, 4½c.

GOLD SCRIPT WORDS. Gold finish. In the following inscriptions: Mother, Father, Brother, Sister, Asleep, etc.; ten words in a package. Price, per package of 10 words, 20c; per 100 words, \$1.75; per 1,000 words, \$15.00.

GILT RIBBON LETTERS. Gummmed. 25 letters in a package, in letters A to Z, figures 1 to 9. 1½ in. Per 100, 25c; per 1,000, \$2.00.



CABINET AND CARD ASSORTMENT. 1,000 assorted cards and Cedar Cabinet with hinged glass cover, \$7.25.

Sympathy, get-well, birthday, baby, congratulations, and all holidays. Your own selection.

CARDS WITHOUT CABINET.

250 assorted at.....	\$1.25	1000 assorted at.....	\$3.50
500 " ".....	2.00	2000 " ".....	6.75

WHITE ENVELOPES, PLAIN. Size 2½x4½", packed 250 to a box. 250 for 50c, 500 for 85c, 1,000 for \$1.50.

MASTERS DUMP CART ALL-STEEL ALL-PURPOSE

Handy little wagon strongly built with heavy steel frame welded together. Lasts a lifetime. Takes the place of a wheelbarrow, but operates with greatest ease. Narrow enough to go through small door. Hauls heavy loads of earth, sand, gravel, bricks, stones, coal, ashes, vegetables, manure, pot-

ted plants, sods, shrubbery, etc. Just what every gardener and home owner needs.

Price, ea., \$8.25; with Pneumatic Tires, \$17.50.



DELUXE HOME GARDEN OR GOLF COURSE WHEELBARROW



Lightest practical full-sized utility barrow on the market, yet sturdy enough to carry a load of 250 lbs. Size of tray 32x29 inches, capacity 3 cubic feet, weight 35 lbs. Channel steel legs, hardwood handles. Wheel cadmium plated steel disc type, tire 10x2½ inches, do not single tube cord. Price, \$7.50; 3 for \$21.00.

Wheelbarrow Wheels with rubber tire. 4-ply tire and wheel, complete, \$6.95. Shipping weight, 12 lbs.

WHEELBARROWS

Vaughan's Greenhouse. Made especially for use in greenhouses between the benches. Dimensions are as follows: Box, 14 in. wide at wheel end; 16 in. wide at handle end; 12 in. deep. The bottom of the box is matched and glued together, and there is no crack against which a shovel might run. The wheel is of steel, 17 inches high, with 2½-inch thread; the axle is 15 inches wide. Made of the best material. Legs reinforced, spread of handles at hand-hold 20 inches, which is extreme width of barrow. Price, each, \$9.45. Equipped with a pneumatic wheel as illustrated. Price, \$16.85.



RUBBER APRONS

NEVA-CLOG STAPLING PLIERS

Florists Save Time and Make Money with Wide-Jaw Neva-Clog Stapling Pliers

Florists' Model F100

For wrapping plants and cut flowers, making up corsages, wreaths and light baskets, making paper flower pot covers, attaching delivery tags to plants and flowers, sealing seed and bulb envelopes and 101 other uses. Has ¾-inch jaw and uses ¼-inch and ½-inch staples as listed elsewhere on this page. Price, each, \$3.50.



STAPLES

All Neva-Clog staples are sharpened at the points to make easy penetration of material. The forming is perfect and the cohering very strong to prevent strips breaking upon being handled at high speed by workman. Both lengths are 100 to a strip, ½-inch crown, 1000 to a box.

A—1000 ¼-inch legs. Per 1000, 35c
L—1000 ½-inch legs. Per 1000, 35c
10,000 lots, per 1000, 30c
25,000 lots, per 1000, 27c
50,000 lots, per 1000, 25c

SCOTCH CELLULOSE TAPE DISPENSER. Heavy duty, each, \$1.25; weight, 8 lbs.

TAPE TRANSPARENT



¼ in. wide, 4 rolls to box, 1 to 5 rolls at 82c each; 6 to 12 rolls at 74c each.

½ in. wide, 2 rolls to box, 1 to 5 rolls at \$1.08 each; 6 to 12 rolls at 98c each.



WOOD EASELS

Strong, well made, finished in white, green and lavender.

Height 36 inch.	Ea. 35c	Per Doz. \$3.80	Height 54 inch.	Ea. 53c	Per Doz. \$5.60
42 inch.	40c	4.50	60 inch.	58c	6.40
48 inch.	48c	5.00	66 inch.	65c	6.80

Thermometers

THERMOMETERS. 8-in., accurate black tin case thermometer, black lithographed scale, red permacolor tubes, each, 30c; doz., \$2.50; 3 doz., \$7.00.

Tin Case. Standard grade (tested). 8-in., standard grade guaranteed accurate tin case thermometers, black oxidized metal scale, heavy magnified easy reading tube, each, \$1.00; 3 for \$2.75; doz., \$10.00.

Cabinet. Wood case; metal face. 8-in., cabinet thermometer, black metal scale, wood back, easy reading red permacolor tubes; each, 50c; 3 for \$1.25.

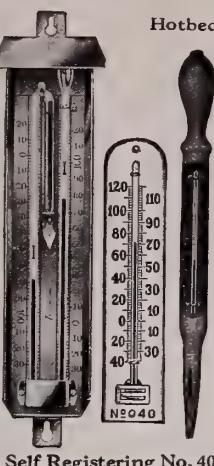
Self Registering Tycos. No. 5452, with magnet. 10 in. Maximum and minimum registering thermometers mounted on substantial brass frame, guaranteed accurate, complete with magnet, each, \$6.50. Three for \$18.00.

Self Registering. No. 5454, complete with magnet for setting. Each, \$4.25. Three for \$12.00.

Minimum. For registering cold during absence and showing present temperature. 10 in., guaranteed accurate, each, \$2.75.

Hotbed (Mushrooms). Brass point, wood frame. 18 in. Hotbed or soil thermometer, guaranteed accurate, each, \$3.00

No. 40. Greenhouse. White porcelain steel frame enameled. Black scale and figures, range 60 to 120 degrees, nonfading red spirit magnifying lens tube. Each, 50c; doz., \$4.50.



Self Registering No. 40

SPECIAL THERMOMETER

6-inch White Thermometer registers from 40 below to 120 above; easy reading non-fading red spirit tube. Each, 30c; doz., \$2.75; three doz., \$7.50.

PRACTICAL 24-HOUR RECORDING INSTRUMENT

Accurate, reliable automatic records at very low cost. A guarantee card goes with every instrument. Gives complete protection for greenhouses, refrigerators, etc.

Three models for various temperature ranges.

Model A36, measures from 30° to 60° F.

Model B105, measures from 10° to 50° F.

Model B410, measures from 40° to 100° F.

Price all models, each, \$18.00. Write for descriptive pamphlet.

Charts, 100 for \$1.50.

Ink, special non-clogging, per bottle, 25c.

Standard Recording Thermometer No. 200. Furnished with daily chart No. 3 or weekly chart No. 2. Range of temperature 20° to 120° F. Price, \$35.00.

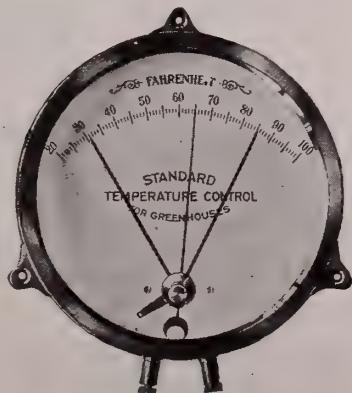
Standard Greenhouse

Thermostat. No. G.H. 4, arranged in a 7-inch enameled, hermetically sealed metal case supplied with padlock and key. Contact hands when set can be changed only by person having key. Price, \$15.00. Shipping weight, 4 lbs.

Standard Greenhouse
Thermostat. No. G.H. 3, enclosed in 6-inch non-rusting metal case. Contact hands are set by a stud extending through the glass. Price, \$10. Shipping weight, 2 lbs.

Prices do not include wire, batteries or bell.

SIEVES. For sifting soil. 18 inches in diameter, all sizes mesh from $\frac{1}{8}$ to $\frac{1}{2}$ inch. Each, \$1.85. Three for \$5.25.



Jardiers and Vases

Jardier Pot Covers. Popularize the potted plant—because they safeguard the appointments of the finest homes—table tops, linens, window sills—from soilage and overflowing saucers. These are inexpensive, yet take the place in beauty and service of expensive jardinières. Save time and labor over other methods of trim.

JARDIERS FOR STANDARD SIZE POTS

In Imitation of Pottery — Stucco Effect			
Sizes	Diam.	No. Per Carton	Price
No. 4	5 $\frac{1}{4}$ in.	100	\$ 8.00
No. 5	6 $\frac{1}{4}$ in.	80	10.00
No. 6	7 $\frac{1}{4}$ in.	50	13.00
No. 7	8 $\frac{1}{4}$ in.	35	20.00

(EXAMPLE: Use No. 6 Jardier for a 6-in. Pot.)

No. 3 (or 3 in 1)—Curved construction makes possible a perfect fit for three 3-inch clay pots. Makes ideal table center piece, 12 inches long, 5 inches wide, 4 $\frac{1}{2}$ inches high. \$20.00 per 100, packed 50 per carton.

THE JARDIER BULB BOX

Here is the final solution to bulb and plant "box idea" and its many possibilities.

The Jardier box is absolutely waterproof. Place the soil and plants directly into the Jardier. It is the least expensive and most practical method of carrying out the beautiful box idea. Jardier Boxes are self-aerating—same as Jardier Vases—stimulating plant growth.

No. 4—12 in. long—5 in. wide—4 $\frac{1}{2}$ in. deep. \$20.00 per 100—50 per carton.

Standard Color—Green Special Color—White with Gold Trim.

JARDIER VASES

Standard Colors—Green—Lavender—With Duo-Tone Finish.

THE COLONIAL

Standard Colors—Green with Duo-Tone Finish. **Special Colors—**White with Gold Trim.

9 in. high, 3 in. in diameter, \$12.00 per 100; 60 per carton.

12 in. high, 4 in. in diameter, \$20.00 per 100; 32 per carton.

15 in. high, 6 in. in diameter, \$35.00 per 100; 13 per carton.

NOTE—No. 3, No. 4 and No. 5 Standard Jardiers are extensively used as "vases" for short stemmed flowers.

VASE. Green Earthenware Cemetery. A strong and ornamental vase that keeps its color. Retails at 50c. Each, 35c; per dozen, \$3.00; 3 dozen for \$8.50.

Tin Painted Green, with spike. Green Earthenware Vase for \$3.60.

SUCTION FLOWER HOLDERS

Made of metal, round shape, with square wire mesh dome, finished in green bronze with rubber vacuum cup in bottom which prevents tilting over when long-stem flowers are used. No florist should be without these wonderful sellers.

3-inch diameter	Per doz., \$3.00
4-inch diameter	Per doz., 4.00
5-inch diameter	Per doz., 5.00



Hotbed Supplies

SASH, Hotbed. Unglazed, 3x6 ft., for 3 rows, 10-inch double glass, each, \$2.25; 3 for \$6.50; doz., \$24.00. Glazed, double strength, each, \$4.75; doz., \$52.80.

Our sashes are made of clear air-dried cypress. Unglazed sashes are not painted. Glazed sashes are painted one coat.

40c crating charge when less than four glazed sashes are ordered.

Write for prices and samples on paraseptic and parachrys shading cloth, sterilizing blanket. A rubberized fabric for shading mums and other plants.



CEL-O-GLASS. Will take the place of glass in hotbed sash, unbreakable and very light in weight. Properly installed, Cel-O-Glass is guaranteed for 5 years, will not break like glass or tear like cloth, flexible, easy to handle and install. Put up in rolls 3 ft. wide up to 100 ft. long. Price per 25-ft. roll, \$8.50; 100-ft. roll, \$32.40. 28 inches wide, 100-ft. roll, \$24.75.

WINDOW FABRIC. Vio-Ray. The most popular glass substitute; transparent, waterproof and weatherproof, it costs much less than glass and for many purposes is superior. Any one can put it up. 36 inches wide; put up in 25, 50 and 100-yd. rolls. Per yd., 22c.

MILO WATERPROOF HOTBED MATS.

A combination of heavyweight burlap, felt and absorbent pulp, cemented together with a specially prepared waterproof compound, absolutely impervious to rain, sleet and snow, proof against frost, repellent to rats and mice, easy to handle, wears for years. Size 40x78 inches, each, \$2.25; doz., \$22.50. Size 76x76 in., each, \$4.00; doz., \$42.00.

CONTINUOUS LENGTHS of Milo Waterproof Hotbed Matting. 40-inch width, per ft., 33c; 78-inch width, per ft., 65c.

GLASS WOOL. Protection and perfect mulch for your prized Plants and Shrubs, has been proved superior to all other mulches for the winter protection of plants. A snowy white blanket composed of extremely fine glass fibres. Packed 100 sq. ft. to a carton, two rolls 20 ft. long by 30 in. wide; is easy to handle and apply. Per carton, \$3.00; one roll only, \$1.75. Weight per carton, 35 lbs.

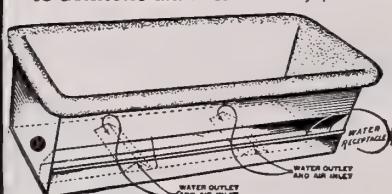
Write us for prices on Hotbed Heating Cable and Thermostats.



ELECTRO STATIC LAMP

The Light that Kills (Ignis Mortis)

Rid your home, garden and greenhouse of insect pests by installing one or more Electro Static lamps, which will exterminate by electrocution all insects attracted to it by the light at night and bait in daytime. Harmless to domestic animals. Price, \$12.75.



Success Self-Watering Flower Boxes

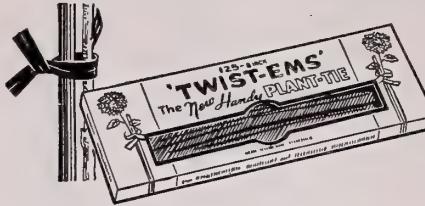
SUCCESS SELF-WATERING FLOWER BOXES. Are substantially constructed of galvanized sheet steel, lock seamed and soldered watertight. Outside dimensions of Window Boxes, Model A:

Length	Width	Depth	Price
24 inch	8 1/2 inch	6 1/4 inch	\$1.25
30 inch	8 1/2 inch	6 1/4 inch	1.50
36 inch	8 1/2 inch	6 1/4 inch	2.15
42 inch	8 1/2 inch	6 1/4 inch	2.65

Packed six in a crate. 10% discount on crate lots.

Plant Supports

TWIST-EMS



New handy plant ties, deep green color, same shade as foliage of plants. Do not break or come loose. The wire running through the center of tape makes them unbreakable and they cannot come unfastened. Tape protects stem against injury. Price: 4-inch, per 1000, 75c; 5000 lots at 60c per 1000; 25,000 lots 58c per 1000. 8-inch, per 1000, \$1.10; 5000 lots, \$1.05 per 1000; 25,000 lots \$1.00 per 1000.

Retail pkg. consisting of 12 pkgs. of 4-inch and 12 pkgs. of 8-inch ties in attractive display carton. Price \$4.00; retails for \$6.00.

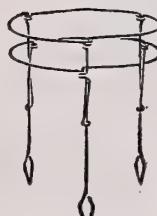
MODEL EXTENSION CARNATION

SUPPORTS

Bases or bottom circle made of No. 12 galvanized wire, top circle of No. 13 galvanized wire; diameter of top circle 6 3/4 inches, bottom circle 7 1/2 inches; total height of support, extended, 24 inches; shipping weight, two-ring supports, approximately 360 pounds per thousand; three-ring supports, approximately 410 pounds per thousand.

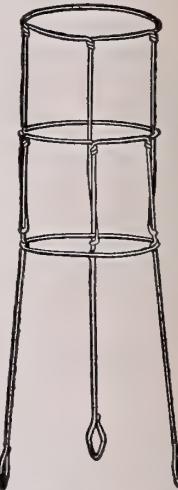
Price, 2-ring supports, \$6.95 per 100; \$62.50 per 1,000. 3-ring supports, \$7.95 per 100; \$67.50 per 1,000.

Write for price in large quantities.



CARNATION STAPLE,

Pillsbury's. For mending Carnation flowers with burst calyx. Practically invisible, being made of very fine hair wire. 1,000 staples 35c; 3,000 for \$1.00.



PEONY SUPPORTS. Made of heavy galvanized wire. Height about 42 inches, width about 13 inches. Can also be used for supporting Tomatoes, Dahlias, etc. Per doz., \$2.95; in 3 doz. lots, doz., \$2.85.

REEDS AND RAFFIA

REEDS. Extra White, prime quality.

	Per lb.	5 lbs.	Per lb.	Per lb.	5 lbs.	Per lb.
No. 1	\$0.70		\$0.65	No. 5	\$0.50	\$0.45
No. 2	.65		.60	No. 6	.45	.40
No. 3	.60		.55	No. 7	.45	.40
No. 4	.55		.50	1/2-inch Flat	.60	.55

RAFFIA. Natural, Best Grade, F. O. B. Chicago. Lb., 45c; 5-lb. lots, per lb., 43c; 10-lb. lots, per lb., 42c; 25-lb. lots, 40c; 100 lbs., per lb., 38c. Bale lots (about 225 lbs.), per 100 lbs., \$36.00.

Dyed—Old gold, pink, purple, emerald green, dark red, bright red, black, navy blue, orange. Per lb., 75c; 5 lbs. at 70c; 10 lbs. at 65c; 25 lbs. at 60c. Samples on application.

Above prices subject to change without notice.

SAXOLIN DUPLEX

CRINKLED TREE

WRAP

For covering the trunks of transplanted and newly set fruit and shade trees. Helps your stock to get off to a healthy start. Rolls, 4 inches wide, about 120 ft. to a roll. Weight about 2 lbs. Each, 45c; 5 rolls for \$2.00; 10 rolls for \$3.85; 25 to 49 rolls at 33c roll; 50 rolls or more at 32c roll.



EEZY WEAR GARDEN GLOVES

Made of imported leather processed to make it pliable as kid and washable. An ideal glove for men and women gardeners

Will outwear six cotton gloves. Sizes for women: "Small," "Medium," "Large"—for men: "Medium" and "Large." Price, 75c a pair; doz. pair, \$6.60.



Stakes, Pots and Tubs

PLANT STAKES—A Full Line

CANE STAKES.

Standard Grade. These run from 6 to 8 feet in length and weigh about 120 to 130 pounds per 1000. Price: If shipped from Chicago, per 100, \$1.10; 500 for \$4.75; per 1000, \$8.50. If shipped from New York, per 100, \$1.50; 500 for \$6.00; per 1,000, \$10.50. Special price on larger lots on application.

Japanese Bamboo Stakes, Plain and Green Painted.

	F. O. B. Chicago	Per Bale	F. O. B. New York	Per 1000	Per 2000	Per 100	Per 1000
1½ feet.....	\$0.45	\$2.25	\$3.00	\$0.45	\$2.10		
2 feet.....	65	2.75	4.00	.50	2.60		
2½ feet.....	75	3.20	5.00	.65	3.15		
Natural, 6 ft.	1.25	8.50	1.20	7.95			
3 feet.....	.95	3.60	6.00	.80	3.65		
3½ feet.....	1.10	4.75	7.00	.95	4.45		
4 feet.....	1.15	5.60	8.50	1.10	5.25		

Write for price in bale lots.

Pipe Stems, 4 to 6 ft. long, weight, per 1,000, 54 lbs. F.O.B. Chicago, 100 for 95c; 500, \$3.25; 1,000, \$6.00.

Write for price on green painted light and heavy wood stakes.

Heavy Chinese Tonkin Stakes, Natural Colors. Heavy weight bamboo. Entire stake same weight, does not taper. Ideal for roses, dahlias, young trees, etc. Just the thing for florists and nurserymen. Lasts a lifetime.

F.O.B. New York	F.O.B. Chicago
Per 100	Per 100
4 ft. 3½ to 5½ inch.	\$2.90
4 ft. 5½ to 6½ inch.	3.65
5 ft. 6½ to 7½ inch.	3.95
6 ft. 7½ to 8½ inch.	4.65
8 ft. 8½ to 9½ inch.	5.45

Galvanized Steel Wire Stakes. Far superior to wooden stakes and practically indestructible. We supply largest buyers. Price subject to change without notice. We can also supply 12-gauge stakes; write us for price on quantities, delivered to your nearest freight depot. **Quantity Discounts:** 2,000 to 5,000, 5%; 6,000 or more, 6% from 1,000 price.

No. of Gauge, No. 9 Wire	Per 100	Per 1000	No. 9 Wire	Per 100	Per 1000
1½ feet.....	\$1.00	\$5.95	6 feet....	\$2.45	\$20.25
2 feet.....	1.15	8.25	No. 8 Wire		
2½ feet.....	1.35	10.25	3 feet....	1.75	13.40
3 feet.....	1.45	11.45	4 feet....	2.10	16.40
4 feet.....	1.65	13.95	5 feet....	2.50	19.75
5 feet.....	2.10	18.00	6 feet....	3.20	22.90

PLANT TIES Lighting Wire. Per box of 1,000, \$2.00; 5 or more boxes, \$1.80 per box. Shipping weight per box, 2 lbs.

CLIP, Blake's New Loop Lever. For roses, mums, etc., up-to-the-minute stake holders; hold stakes with firm grip.

Loop clips allow you to remove and replace any stake any time. They never slip and are a great saving in time and money. Price \$2.00 per 1,000. 5,000 for \$9.50. Samples mailed free.

STAKE FASTENERS. Ever-lasting, packed 500 to a box, per box, \$1.25; 10 boxes or more, \$1.10 each.

GRAFTING WAX. Per ¼-lb. bar, 20c; ½-lb. bar, 30c; 1 lb., 50c.

A GOOD VARIETY OF SIZES IN THESE FLOWER VASES.

And they are built right. Galvanized, hand soldered, with wire reinforcement at the top—the sides tapering so that they nest. Attractively striped in red.

Style	Diameter	Top	Bot.	Ht.	Price Per Doz.
253	4½ in.	3½ in.	10 in.		\$ 4.40
255	6½ in.	5½ in.	12 in.		6.00
257	6½ in.	5½ in.	15 in.		6.60
57	5 in.	3½ in.	5 in.		3.30
59	6½ in.	5½ in.	7 in.		5.00
65	7½ in.	6½ in.	8 in.		5.80
66	9 in.	7½ in.	10 in.		6.90
68	9 in.	7½ in.	12½ in.		8.40
69	9 in.	7½ in.	18 in.		10.50
70	9 in.	7½ in.	24 in.		11.60



PLANT BANDS. For growing plants in flats.

Put up in cartons of 1,000.
2-inch per M.....\$2.70 3-inch per M.....\$3.60



AZALEA POTS, Also Suitable for Boston Ferns

No. of Pots in Crate	Per 100	No. of Pots in Crate	Per 100
6 inch.....	117.....\$ 6.25	9 inch.....	\$22.95
7 inch.....	.99.....10.35	10 inch.....	31.50
8 inch.....	50.....14.75	12 inch.....	62.00



Prices on pots subject to change without notice



IMPROVED NEPONSET PAPER FLOWER POTS.

The famous pot with a new use. A waterproof pot that can be used for growing plants, especially in the greenhouse where they have to stand continual watering from six to eight weeks. The ideal pot for transplanting and shipping. Unbreakable and much lighter in weight.

Size, inch	Per 100 New York	Per 1000, F.O.B. New York	Original F.O.B. Chicago	Gross wt. of 1000 pots about
2.....	\$0.50	\$ 2.90	\$ 3.15	1,000.....10 lbs.
2½.....	.55	3.00	3.25	1,000.....12 lbs.
3.....	.60	3.20	3.30	1,000.....16 lbs.
3½.....	1.00	3.95	4.20	1,000.....24 lbs.
4.....	1.10	5.25	5.40	1,000.....34 lbs.
5.....	1.20	6.35	6.60	500.....46 lbs.
6.....	1.85	8.80	9.00	500.....74 lbs.
	2.40	11.50	11.85	500.....102 lbs.

FLOWER POTS, Standard Red

F. O. B. Chicago.

We ship in original crates only. Please note the number of pots in crate, as at present labor costs we cannot break bulk.

No. of Pots in Crate	Sold in Crate Lots Only	No. of Pots in Crate
2 in.....1,500.....\$ 8.75 per 1,000	6 in.....117.....\$ 6.25 per 100	
2½ in.....1,200.....11.25 per 1,000	7 in.....99.....10.35 per 100	
3 in.....800.....14.50 per 1,000	8 in.....50.....14.75 per 100	
4 in.....360.....2.60 per 100	9 in.....28.....22.95 per 100	
5 in.....240.....4.50 per 100	10 in.....24.....31.50 per 100	
	12 in.....6.....62.00 per 100	

NEPONSET GREEN POTS—For Growing

F. O. B. Chicago.

This new development makes it possible to take advantage of the economy, ease and convenience of paper pots for the full growing period of young plants without any damaging or retarding of root growth. In fact, the special waterproofing treatment of these pots seems to encourage healthy growth.

Size	Quan. per Case	Shipping	Wt. per Carton	Price per Carton
2 inch	1,000		14 lbs.	\$ 5.45
2½ inch	1,000		16 lbs.	5.95
3½ inch	1,000		22 lbs.	6.35
3 inch	1,000		28 lbs.	7.50
4 inch	500		26 lbs.	5.35
5 inch	500		44 lbs.	7.60
6 inch	500		62 lbs.	9.90

FLOWER TUBS, "Richmond Style."



These are made of best seasoned White Virginia Cedar, securely bound with welded wire hoops. They are nicely painted green, paint of best oils. Florists will find them ready sellers where a substantial yet attractive tub of moderate price is required. Stamped steel handles are also supplied at an additional charge as below. Prices F. O. B. Chicago or New York. Prices subject to change without notice.

Inside Top Diameter	Depth	Price, Four for	Inside Top Diameter	Depth	Price, Four for
No. 1. 7 in.	6 in.	\$ 2.20	No. 9. 14 in.	13 in.	\$ 1.65
No. 2. 7 in.	7 in.	.65	No. 11. 16 in.	15 in.	1.85
No. 3. 8 in.	8 in.	.70	No. 13. 18 in.	17 in.	2.75
No. 5. 10 in.	9 in.	.85	No. 14. 19 in.	18 in.	3.25
No. 7. 12 in.	11 in.	1.10			12.40

In lots of 12 tubs, less 5%. If handles are required, add 35c per tub.

BULB PANS

Doz.	Per 100
5 inch.....	\$0.85
6 inch.....	1.00
7 inch.....	1.80
8 inch.....	2.35
10 inch.....	4.20

CLOVERSET PLANT POTS. An improved pot or container made of tough asphalt-coated laminated waterproof fibre stock, closely riveted so that it will stand much handling; made in three sizes, packed 100 to a carton. Prices, F. O. B. Chicago.

Diam.	Weight	Per 5,000 lots	10,000 lots
No. Height	Top. Per 100	1,000 Per 1,000	Per 1,000
1 6½ in.	52 lbs.	\$4.35	\$35.00
2 9½ in.	77 lbs.	4.90	46.50
3 9 in.	88 lbs.	5.50	52.50

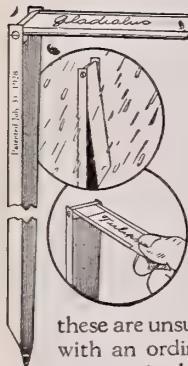
Cloverset Plant Pots

Plant Labels



PLANT MARKERS. Oval top; made of heavy galvanized sheeting, 9 in. long, per 100, \$3.00.

ROCK GARDEN LABELS. 4-in. galvanized small oval bowl for rock gardens, per 100, \$3.00; small bottle black ink for marking the above, each, 35c.



PEERLESS ALL METAL PLANT MARKERS. Non-rusting, made of copper bearing galvanized metal, finished in foliage green; no acid painting or special ink necessary. The ordinary lead pencil is the very best thing to use for writing the names. No hunting for some special stake; merely take the first one you come to and change the card. This is very quickly and easily done. **Quantity Discount:** 200, less 5%; 300 or more, 10%.

Doz.	25	50	100
12-in.	\$1.20	\$1.75	\$3.25
18-in.	1.50	2.50	4.35

8.00

ZINC TREE LABELS. For an enduring label these are unsurpassed. They last for many years. Writing is done with an ordinary lead pencil; gets plainer with age. They are copper wired and measure $3\frac{3}{4} \times \frac{3}{4}$ inches. Price per 100, \$1.50.

COPPER LABELS. Wired, indestructible. Per 100, \$1.50; larger size, per 100, \$2.15.

EVERLASTING ZINC LABEL. A permanent label; holds lead pencil marks permanently in all weather, one piece, 6 inches over all. Price per 100, 50c; 500 for \$1.95; 1,000 for \$3.25; 5,000 for \$14.75.

ZINC

Pruning Tools

SAWS (Atkins) Double-Edged Pruning.



TRIMMER, California Pole. Curved, draw-cut saw with crook for removing branches. Each, \$2.25; 3 for \$6.25.

Forester Pruning Saw. Makes heavy pruning easy and saves time. 26 inches long. Each, \$2.00; 3 for \$5.75.

Utility Speed Pruning Saw. Length 26 inches, curved blade. Each, \$3.50.

TREE PRUNERS. Waters' 6-ft., \$1.85; 8-ft., \$2.10; 10-ft., \$2.35; 12-ft., \$2.60. Extra blades, each, 25c.

No. 4 Jointed Tree Pruner, 12 ft., in three 4-ft. sections. Each, \$7.00.

SCYTHE BLADES

Kelly Cloverleaf Dutch grass scythes. 32-inch, ea., \$1.50.

English Imported, riveted back, 30-inch, \$2.50; 36-inch, \$2.75. Scythe Snaith, each, \$1.85. Scythe Stone, Natural, 15c each.

SHEARS, Pruning. 6-in., \$1.50; 9-in., full polished with ratchet, American made, best quality, \$1.50. Extra springs, ea., 15c.



Henckel Twin Brand Imported Pruning Shears, with ratchet. 7½-inch... Each, \$3.95 | 9½-inch... Each, \$4.75

8½-inch... Each, 4.25 | 9½-inch... Each, \$4.75

Henckel. California pattern, with brass spring, \$4.50.

Pot and Garden Labels

LABELS (Pot). We carry the best quality of Wood-
en Labels made. They are smooth, strong and neat, $\frac{5}{8}$ inch wide.
When ordering specify pot labels or garden stakes, painted or plain.

Packed to Carton	Plain Per 1000	Painted Per 1000
4-inch	\$1.55	\$1.95
5-inch	1.80	2.20
6-inch	2.00	2.50
8-inch	2.50	3.00
10-inch	3.00	4.00
12-inch	4.00	5.00

GARDEN STAKES

8-inch— $\frac{7}{8}$ inch wide	250	3.95	4.95
10-inch— $\frac{7}{8}$ inch wide	250	4.95	5.95
12-inch— $1\frac{1}{8}$ inch wide	1000	6.95	8.45

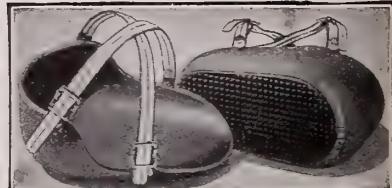
LABELS (Tree). Wooden, 3½ in. copper wired. Per 1000, plain, \$1.80; 5,000 to 9,000, per 1,000, \$1.65; 10,000 or more, per 1,000, \$1.55; painted, per 1,000, \$2.30; 5,000 to 9,000, per 1,000, \$2.20; 10,000 or more, per 1,000, \$2.00.

WEATHER-PROOF PENCILS. For marking labels. Will not rub off or fade. Each, 10c; doz., 85c.



GARDEN KING MARKERS. Water-proof and dirt-proof. Garden green color so that it blends right into the foliage; treated with a preservative that protects against decay; undercut groove contains white chemically treated water-proof name card covered by a dirt-proof transparent window. Price, 12-inch, per 100, \$2.25; 500 for \$9.50; 18-inch, per 100, \$2.50; 500 for \$11.25.

KNEE PADS



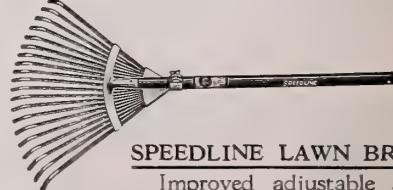
All rubber cushion pads constructed of solid and sponge rubber with adjustable straps; fit any knee, will not slip down during walking. Price, \$1.25; 3 for \$3.50.

MASTERS' PERFECT FERTILIZER DISTRIBUTOR



Spreads any kind of commercial fertilizer, grass seed and top-dressing. It has a shut-off control and adjusting device right on handle. 36-inch size equipped with double disc wheels.

18-inch size.....\$ 9.75 | 36-inch size.....\$19.45
24-inch size.....12.95



SPEEDLINE LAWN BRUME

Improved adjustable spring steel flat finger broom rake. Fingers can be adjusted from 11½ to 20 in. spread merely by pushing handle in or out. Light, durable and attractively finished in blue enamel and bronze. Retail at \$1.10 each. Dealers' price, doz., \$8.50.

THE PORTER POINTCUT PRUNER

Light in weight, 2½ lbs., 20 inches long. Easy to use in close places. Price, \$4.35.

IMPROVED TELEPHONE PRUNER.

A strong and rugged Pruner with many advantages, such as lighter weight, greater cutting power, strength and greatly improved spring action which eliminates spring breakage. No. 12 cuts 1½-inch branches. No. 11 Pruner Head only, \$2.25. Price complete with one head pole, 6 ft., and two 6-ft. extension poles, \$9.50. No. 12 Pruner head only, \$5.25. Price complete with head pole and two 6-ft. extension poles, \$15.50.

7½-inch... Each, \$3.95 | 9½-inch... Each, \$4.75
8½-inch... Each, 4.25 | 9½-inch... Each, \$4.75

Rubber Hose, Couplers, Nozzles, Etc.

VAUGHAN'S FLORIST GUARANTEED HOSE

A brand of hose manufactured especially for greenhouse use. Molded hose of highest quality; thick, sturdy hose wall and two braids of heavy cord make it suitable for use by florists. Comes in bales of 500 feet; order exact number of feet you require. We can cut in any length.

Guarantee—We guarantee Florist Hose against all defects in quality or workmanship for the period of one year. This guarantee does not cover improper handling or abuse. We are headquarters and can meet competition.

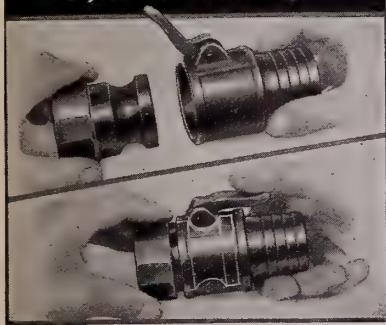
25 to 49 feet per ft., 18½c | 50 to 99 feet per ft., 18c | 100 to 400 feet per ft., 17½c.

In bales of 500 ft., 17c ft.

CORRUGATED HOSE. High grade molded hose suitable for use by florists and contractors on golf greens, in cemeteries, public parks and large estates. Price, 50 to 100 ft., 12½c ft.; 100 to 500 ft., 12c ft.

Price ¾ or ½-inch couplings 20c per set; sample mailed free if desired.

JUST PRESS THE LEVER—
Instant, tight connection—
a great time-saver!



MEYER ¾-INCH HOSE COUPLING. Connects the hose instantly by a straight push-on, and disconnects by twisting the ejector on faucet end slightly to the right. Complete coupling, each, 50c; doz., \$6.00. Faucet end, each, 20c; doz., \$2.40. Hose end, each, 30c; doz., \$3.60.

HOSE STRAPS, Caldwell. For ½, ¾ and 1-in. hose. Doz., 35c; gross, \$3.25.

HOSE WASHERS. ¾-inch. Doz., 5c; gross, 45c.

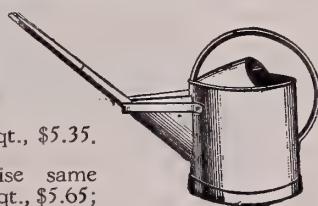
PERFECT CLINCHING HOSE COUPLER. ¾-inch. Per pair, 30c; per doz., \$2.60.



PERFECT CLINCHING HOSE MENDER. Each, 12c; doz., \$1.00.

WATERING POTS. American.

Heavy galvanized round can, 2 copper-faced roses, long spout. 4-qt., \$4.15; 6-qt., \$4.50; 8-qt., \$4.75; 10-qt., \$5.00; 12-qt., \$5.35.



French Style

French Style. Oval, otherwise same make as above. 6-qt., \$5.35; 8-qt., \$5.65; 10-qt., \$5.95; 12-qt., \$6.25.

HOSE NOZZLES.

"Chicago"—Covers more space than any other hand-watering device. Made entirely of aluminum, except removable perforated plate of heavy sheet brass. 2 plates, each 3 ¾ inches

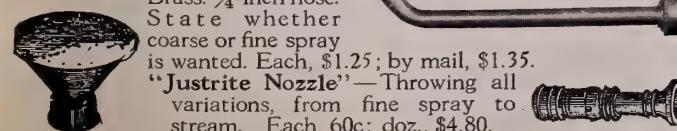
in diameter, about 100 very fine holes in each, giving both fine and coarse effective sprays. Florists like it. Price, \$3.00.

Paradise Syringing Nozzle. 10-inch, each, \$2.50; 18-inch, each, \$3.00; extra tips, each, 35c.

Boston Rose Spray Nozzle—

Brass. ¾-inch hose. State whether coarse or fine spray is wanted. Each, \$1.25; by mail, \$1.35.

"Justrite Nozzle"—Throwing all variations, from fine spray to stream. Each, 60c; doz., \$4.80.



These prices are subject to change without notice.



ROSS No. 10 SPRINKLER. Is preferred by growers and home owners; capacity seven gallons per minute. Each, 75c; doz., \$7.50.

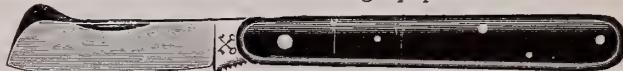


HOSE MENDER, The Cooper. It is simple, practical and effective. It does not reduce the diameter of the hose. It will not rust or wear out. It can be used as many times as desired. You need no mechanical skill to adjust them. Price: For ½ or ¾-inch hose, each, 10c; 4 for 35c; doz., 80c. 1-inch hose, each, 12c; doz., \$1.00.



FLORISTS' KNIVES

The Budding, Grafting, Pruning and Florists' Knives illustrated below are designed and made to meet the exacting requirements of nurserymen, orchardists, florists and gardeners who are extremely particular in the choice of their cutting equipment.



No. 5A Each 3 for
Budding, No. 5A. Black handle; brass lined..... \$1.75 \$5.00
Budding, Beech Wood Handle. Per doz., \$4.00..... .40 1.10



No. 801 Each 3 for
Budding, Aluminum Handle (Imported), No. 801.... \$2.00 \$5.00
Propagating, No. 1011. Aluminum handle (imported). Each, \$2.00; 3 for \$5.00.



Vaughan's Florist (Henckel Brand) Each
Vaughan's Florist—3 for \$4.50; 12 for \$15.00 \$1.75
Budding Knife—Ivory tip, black handle. Each, \$1.75.
Henckel's White Handle, with Brass Caps, 2 blades, budding and prop., No. 727W. 3 for \$6.75 2.50
Henckel's Nurseryman's Extra Heavy Pruner, No. 3C... 2.75
Henckel's Pruning, No. 2C 2.50

Kunde, No. 30A. For budding, copulation, and vine grafting. Each \$2.35; three for \$6.75.

Kunde, No. 23. For vine, rose, and tree grafting. Each, \$2.35; three for \$6.75.
Putty Knife—No. 120, a very good tool; 3 for \$1.10... Each, \$0.45
Pruning, Stag handle..... Each, 2.00

Vaughan's Budding and Prop., No. 86281, with Brass Caps, each, 85c; doz., \$8.50.

White Handle, No. 83023W, silver nickel shackle for chain attach. Each, \$1.00; 3, \$2.75.



Vaughan's High Grade Fertilizers

Prices for Florists F.O.B. New York.

The Yield and Quality of Vegetation Depend Upon Continuous and Rapid Growth.

It has been demonstrated that crops of the best quality are those which are grown under conditions which permit of a continuous and rapid development. Plant food of the right amount and kind controls the yield and quality of products.

ucts more than any other condition, and it is neither wise nor economical to depend upon the natural condition of the soil or the application of stable manure only for profitable crops.

Vaughan's Lawn and Garden Fertilizer. (5-8-6)

Five percent nitrogen; eight percent phosphoric acid; six percent potash. This mixture differs from our balanced plant ration in that it is composed of plant foods in mineral form. The advantages of mineral fertilizer include the absence of objectionable odor, and the quality of being more readily soluble, which makes it more quickly effective upon plant growth.

For a new lawn, broadcast evenly 30 to 40 lbs. per 1000 square feet. To stimulate an old lawn, apply 20 to 30 lbs. per 1000 square feet, during the growing season, wash it down immediately with the hose to prevent burning. For flowers and vegetables, use from 4 to 6 lbs. per 100 square feet. Price, 100 lbs., \$3.00; 1000 lbs., \$25.00; 2000 lbs., \$45.00.

Vaughan's Balanced Plant Ration. (5-8-7) This is our best brand of concentrated manure, excellent for mixing into potting soil or as a top dressing. It is a **money-maker**. For potting soil, use about 20 pounds to a cubic yard of soil, and for the dressing scatter it about as thick as lawn grass seed is sown, after loosening the surface of the soil. It is excellent for Carnations if applied by the end of October or in November. It can also be applied as a liquid manure by using an 8-inch potful to a barrel of water. Price, 100 lbs., \$3.25; 1000 lbs., \$25.00; 2000 lbs., \$45.00.

Adco. Artificial Stable Manure. Convert all non-woody vegetable refuse such as stalks, cuttings, weeds, withered leaves and flowers, vines, etc., into artificial manure. A 25-lb. bag is enough for 12 wheelbarrow loads of waste, making $\frac{1}{2}$ ton of manure. Price, 7½-lb. bags, each, 85c; doz., \$8.40; 25 lbs., \$2.00; 150 lbs., \$10.50. Instructions with each bag.

Aluminum Sulphate. For creating acid condition in the soil. Price, 25 lbs., \$1.25; 100 lbs., \$3.50; 500 lbs., \$16.00.

Bone and Blood. **Tankage.** Cabbage, Cauliflower, Corn and other crops of big surface growth; not desirable for root crops except it is used in connection with potash, salts, or hardwood ashes, and if so used especially adapted to fruits, if applied early. For garden crops use 500 lbs. per acre. Price, 100 lbs., \$3.25; 1000 lbs., \$30.00; 2000 lbs., \$58.00.

Clay's Fertilizer. This valuable imported manure is especially recommended to all who grow either fruit, flowers, or vegetables, and wish to bring them to the highest perfection. It should also be used in potting soil as a top-dressing. Price, 7 lbs., \$1.25; 14 lbs., \$2.00; 28 lbs., \$2.85; 56 lbs., \$5.00; 112 lbs., \$9.25.

Cotton Seed Meal. 100 lbs., \$4.00; 500 lbs., \$18.00.

Davidge's A-1 Fertilizer (Special). Grows strong and long keeping plants and blooms. It is not a stimulant but a steady nourisher. Price, 100 lbs., \$6.75.

Dried Blood. 12%. For top-dressing, for mixing with the soil, and for applying in liquid form, it is one of the best and safest nitrogenous fertilizers. It is splendid for roses, carnations, chrysanthemums and all kinds of pot plants. Price, 100 lbs., \$4.45; 1000 lbs., \$42.50; ton, \$83.00.

Fairway Grass Food. Compounded for the feeding of turf grasses and for no other plant or purpose; recommended by leading turf specialists and agronomists; for use on lawns, golf courses and parkways. Price, 25 lbs., \$1.50; 50 lbs., \$2.50; 100 lbs., \$4.00; per ton delivered, \$65.00. Write for quantity prices.



Floranid Urea. A highly concentrated inorganic fertilizer containing 46 percent, available nitrogen; clean, odorless, stainless, for flowers, vegetables, berries, shrubs, lawns, ornamental and fruit trees; 92 times stronger than manure. Price, 1 lb. can, 25c; 5 lbs., 90c; 10 lbs., \$1.50; 25 lbs., \$2.75; 50 lbs., \$5.00; 100 lbs., \$8.00.

Florist Special Mixture. (5-15-5) 100 lbs., \$3.50; 500 lbs., \$14.00; 1000 lbs., \$26.00; 2000 lbs., \$50.00.

Hardwood Ashes. Canadian Imported. This is also a splendid fertilizer for the lawn and garden, containing all of the fertilizing elements except nitrogen. Is used on the lawn at the rate of a ton or more per acre as a first application, and annual dressing of three hundred pounds afterwards will insure a thrifty growth of dark color, exemption from ill effects of dry weather and freedom from weeds. Price, 100 lbs., \$2.75; 1000 lbs., \$22.00; 2000 lbs., \$42.00.

Horn Shavings. Quick-acting and lasting. Price, 50 lbs., \$2.75; 100 lbs., \$5.00; 500 lbs., \$22.50.

We are not responsible for loss of weight due to evaporation of any fertilizers.

Hydrated Lime.

For soil acidity, it improves the texture of the soil, lets in air and moisture, liberates nitrogen and other plant food, makes your soil sweet. Apply after the land is plowed or dug for a crop, scattering with a lime distributor, 2 tons or more per acre, a large handful to a square yard. Price, 50 lbs., \$1.00; 1000 lbs., \$8.50; 2000 lbs., \$16.50.

Hyponex. 4-oz. size, packed 36 to carton, retails at 40c each. Price, per carton, \$9.60; 1-lb size, retails at \$1.00, packed 12 to carton. Price per carton \$8.00.

Rockland Fertilizer. Rabbit Manure with a Peat moss Base. Excellent for lawns and shrubs. 25 lbs., \$1.00; 50 lbs., \$1.50.

Vaughan's Special Rose Grower Bone Meal.

"Rose Grower." This is a special brand we have put up for our trade. It is ground fine, hence acts quickly. Free from acid, and a superb article. It is made from bone accumulated in large slaughter houses, and should not be compared with the Bone Meal made from cattle heads and feet gathered upon the Western prairies. Our "Rose Grower" Bone has been slightly steamed to soften it and is thus quicker in its action. Analysis: Nitrogen, 3.70 percent; total phosphoric acid, 20 percent. Price, 100 lbs., \$3.25; 1000 lbs., \$27.50; 2000 lbs., \$48.00.

Quantity Required.—For permanent pasture and mowing lands, $\frac{1}{2}$ to 1 ton per acre; for trees and vines, 2 to 4 quarts each; for top-dressing, 1000 to 1500 lbs. per acre; rose beds and plants, 1 part to about 50 of soil; for starting a new lawn as a base, 3 to 5 lbs. per 100 square feet.

REGULAR GRADE BONE MEAL. Price, 100 lbs., \$2.85; 1000 lbs., \$25.00; 2000 lbs., \$45.00.

Raw Bone. Coarse. This material appeals to every florist who has used it. Price, 100 lbs., \$3.25; 1000 lbs., \$28.00; ton, \$50.00.

Humus. Recommended for top-dressing or use on heavy clay soils. Price, 100 lbs., \$1.00; ton, \$18.00.



Introduced to commercial growers and landscape architects last summer; Kem has proven itself a complete balanced plant food. Growers report gratifying results with seedlings, cuttings and growing plants on benches and in fields. Damping off reduced 75% by starting seeds in sand; transplanting made in half the time. By promoting strong root growth, Kem causes grass to grow quicker and stronger. Dilutes up to 89 parts water to 1 part Kem. Price, 25c size, 24 to case, \$4.00 per case; 50c size, 12 to case, \$4.00 per case; 1.00 size, 6 to case, \$4.00 per case; \$4.25 size packed separately, \$2.83 each; 50-gal. barrel, \$11.25.

Leaf Mold. Price, 100 lbs., \$2.00; 1000 lbs., \$17.50; 2000 lbs., \$32.00.

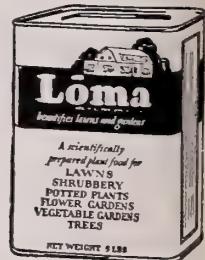
Loma. A scientifically prepared plant food for lawns, flowers, vegetables, shrubbery and potted plants. Price, 1-lb. carton, 24 to a case, per case, \$1.44; 5-lb. carton, 12 to a case, per case, \$3.60; 10-lb. bags, paper lined, packed 10 in a bale, per bale, \$5.70; 25-lb. bags, 4 in a bale, per bale, \$4.20; 50-lb. bags, 2 bags to a bale, per bale, \$3.54; 100-lb. bag, \$2.90 per 100.

Special Lupin Fertilizer. 5 lbs., 50c, \$2.10; 50 lbs., \$3.50. F. O. B. Livingston, N. J.

Muriate of Potash. Imported Potash, once again available, should be used liberally, especially for all root crops. Price, 100 lbs., \$3.00; 1000 lbs., \$23.00; ton, \$45.00.

Nitrate of Soda or Chili Saltpeter. Nitrate of Soda is not a substitute for other Manures, but we recommend it as the cheapest and best form in which to apply Nitrogen to plants. Florists who are using farm manure should continue to use it, but use Nitrate of Soda in addition to other fertilizers. If your object is to grow maximum crops you must furnish the plant with Nitrogen. Price (subject to market changes), 25 lbs., \$1.40; 50 lbs., \$2.10; 100 lbs., \$3.00; 1000 lbs., \$28.00; ton, \$48.00.

Nitrophoska. A highly concentrated inorganic fertilizer, clean and odorless. 15 percent nitrogen, 30 percent phosphoric acid and 15 percent potash. Price, 1-lb. can, 25c; 5 lbs., 90c; 10 lbs., \$1.50; 25 lbs., \$2.75; 50 lbs., \$4.50; 100 lbs., \$6.00; ton, \$11.00.



IMPORTANT. The prices on this page are based on present prices of fertilizers and are subject to change as market fluctuates.

These prices are subject to change without notice.

Vaughan's High Grade Fertilizers

Prices for Florists F. O. B. New York.

Peat Moss Granulated. A moisture-retaining humus, an important aid in saving soil fertility. Better than manure. Bale, about 22 bushels, \$3.50; 5-bale lots, \$3.25 each. Write for quantity prices.

Peat, Orchid. Fertilizes roots; very useful for Orchids and Azaleas. Price, per sack.

Poultry Manure. Use it to enrich the soil for flowers, shrubs, lawns and garden. Price, 100 lbs., \$2.75; 500 lbs., \$10.00; 1000 lbs., \$18.00; 2000 lbs., \$35.00.

Pulverized Limestone. 100 lbs., \$1.25; 500 lbs., \$5.00; 1000 lbs., \$9.00; ton, \$16.00.

Scotch Soot. (Genuine Imported.) Florists know the value of the genuine article for stimulating a healthy growth of dark green foliage, and its beneficial effect in freeing the soil from slugs, grubs and cut worms. Price, 100 lbs., \$3.50; 1000 lbs., \$32.50.

Sheep Manure. This is a pure, natural Manure, and its effect is immediate; it is excellent for mixing with the soil for greenhouse plants—one part manure and six parts soil. Strewn over and dug into the vegetable garden or placed directly in drills or hills, it promotes a rapid, steady growth until maturity. It makes the richest, safest and quickest Liquid Manure. For use in liquid form, one pound to five gallons of water will make a liquid which can be used with safety daily if necessary. Price, 100 lbs., \$2.15; 1000 lbs., \$21.00; 2000 lbs., \$40.00.

Swedex Peat Moss. 25 times finer than Regular Peat Moss. Price, bale of about 150 lbs., each, \$5.50; 5 bales or over, \$5.00.

Shredded Cow Manure. An efficient, high-grade natural fertilizer for all general purposes, manufactured by special process from selected fresh cleanings from cattle pens. Price, 100 lbs., \$2.25; 1000 lbs., \$21.00; 2000 lbs., \$40.00.

Sorbx. The finest peat, organic, finely pulverized. Mix with soil in seed flats and pots. Will improve germination of fine seed. A perfect mixture is one part of Sorbx to two parts of screened garden loam by volume. Price, 10-bushel bag, \$2.25; 5 or more bags, each, \$2.00.

IMPORTANT. The prices on this page are based on present prices of fertilizers and are subject to change as market fluctuates.

Stimuplant. A very effective plant food and stimulant for all house plants. 10c size put up 10 packets to a display case. Price, 60c; 25c size put up in counter display case, 10 to a case, \$1.50; 75c retail size at 45c; \$2.50 retail size at \$1.50; \$3.50 retail size at \$2.10.

Sulphate of Ammonia. Used for its Nitrogen-fertilizer for all plants in which a large leaf development or rapid growth is desired. Use 1 pound to 50 square feet of ground or bench, or a tablespoonful to a bushel of soil or 3 gallons of water. Price, 100 lbs., \$3.00; 1000 lbs., \$28.00; ton, \$54.00.

Sulphate of Potash 48%. 100 lbs., \$4.00; 500 lbs., \$17.00; 1000 lbs., \$32.00.

Super Phosphate. 20% available. Bone phosphate the most available form. Used on grain crops and others requiring an excessive amount of phosphoric acid. Price, 100 lbs., \$2.00; 1000 lbs., \$14.00; 2000 lbs., \$26.00.

Tree Food (10-8-6) Made especially for nurserymen and tree experts, a dependable plant food for increasing the growth and development of shade and ornamental Trees, Shrubs and Evergreens. Price, 100 lbs., \$3.50; ton, \$60.00.

Vigoro. A specially prepared plant food. It contains all elements plants need for healthy growth, because it is a complete plant diet. A good seller. Price, 100-lb. bag, \$2.75; 50-lb. bag, \$1.70; 25-lb. bag, \$1.00; 10-lb. pkg., 6 to a case, \$3.30; 5-lb. pkg., 14 to a case, \$4.06; 1-lb. pkg., 32 to a case, \$1.92.

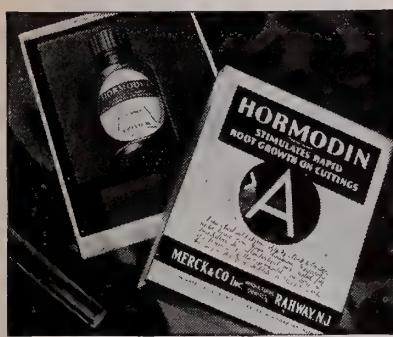
We are not responsible for loss of weight due to evaporation of any fertilizers.

HORMODIN

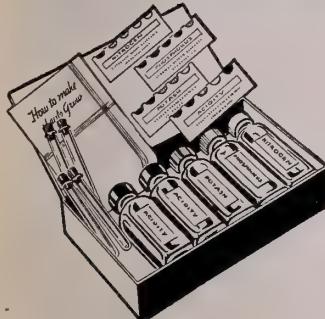
The Root-Forming Chemical

A higher percentage of successfully rooted cuttings is assured through the simple, low cost Hormodin treatment. Write for Leaflet. Prices F. O. B. shipping point. Hormodin is mailable. Treatment consists in immersing the basal ends of cuttings in a solution of Hormodin of recommended strength for from 4 to 48 hours, according to directions. Cuttings so treated root quicker and have more growing roots.

Size of Pkgs.	Price
In B. T. I. per Units	Package
20.....	\$.50
60.....	1.00
240.....	2.50
480.....	4.50
960.....	8.00
All Postpaid.	



The Sudbury Home Gardener's Soil Test Kit, \$1.50



skill required. Results of tests are apparent immediately. The Sudbury Home Gardener's Soil Kit. Complete with instructions and table of plant needs, \$1.50.

Testing Fluid for Refill—Specify whether for nitrogen, phosphorus, potash, or acidity. 2 oz., 75c; 6 oz., \$1.50.

Prices subject to change without notice.

The Sudbury Horticultural Soil Test Kit, \$9.75

The Sudbury Horticultural Soil Test Kit makes instantly available the essential information you require for gardening success. With it you can make quick practical tests which will show the acidity of your soil and any possible deficiency in nitrogen, phosphorus and potash. As a result, you can avoid failure by prompt adjustment of your soil to the requirements of your plants and grasses. Sudbury Soil Test Kits are used by leading amateur and professional growers throughout the country. The Horticultural Kit contains enough material for 60 individual tests. The Sudbury Horticultural Kit, complete with instructions and table of plant needs, \$9.75.



Testing Fluid for Refill—Specify whether for nitrogen, phosphorus, potash or acidity. 2 oz., 75c; 6 oz., \$1.50.

The Sudbury Professional Soil Test Kit—Contains enough material for 200 individual tests. Price complete with instructions, \$18.50.

Hormodin Powder Combination package. No. 1, 2, 3, in one carton. Price 75c; doz., \$6.00. No. 1 Powder 1 3/4-oz. tin, each, 50c; lb., \$3.00. No. 3 Powder 1-oz. tin, No. 2 Powder 1 3/4-oz. tin, each, 75c; lb., \$4.50. each, \$1.00; lb., \$4.50.

ROOTONE

PATENTS PENDING

A hormone powder easy to use; anyone can apply safely; no skill is needed to apply Rootone—no measurements, no vials, no elaborate charts to follow—just dip and plant. Price, 1/4-oz. pkts., 25c; doz., \$2.00; 2-oz. jar, enough to treat 3,000 cuttings, \$1.00; 1-lb. jar, will treat up to 30,000 cuttings, \$5.00. Write for leaflet all postpaid.

Transplantone For treatment of transplants of all kinds, it contains the root forming hormones, vitamin B-1 and other members of the vitamin B complex, which are important in plant growth 1 oz., 50c; 3 oz., \$1.00; 1 lb., \$4.00.

Vitamin B-1 Pure crystalline powder produces amazing reinvigorated root growth. Price, \$1.00 per bottle, enough to make 2000 gals. of solution. Price, per display card of 12 bottles, \$7.80.



Lawn and Garden Supplies

SOD SPIKER

Easy to handle, is the scientific lawn aerator, ea., \$1.60; 3 for \$4.50.



\$1.35; six for \$7.00; No. 2—30 ft., each, \$2.10; six for \$11.00. No. 3—50 ft., each, \$3.25; six for \$18.00.

WISS-KLIP GRASS SHEARS

Each, 75c; doz., \$7.20.

Long Handle Doo-Klip Shears. Price, \$2.00; three for \$5.50.



WISS GRASS SHEARS



Finest quality with rubber grip. Each, \$1.15; doz., \$10.80.



COLVIN SUBSURFACE IRRIGATOR

For trees, shrubs, and flowers; irrigates directly at the roots, dissolving the plant food in the soil and making it readily absorptive. This irrigator is adaptable to most types of soluble fertilizer devices, so you can fertilize as you irrigate. Price, Junior model, \$2.25; Standard model, \$2.85; Professional model, \$3.75.

SMITH FLAME GUN

4-gal. heavy all-welded (not riveted or soldered) corrugated fuel and air tank tested to 100 lbs.; burns kerosene, range oil, stove or light furnace oil. Price complete, \$16.00 (weight 17 lbs.).



"HERBICIDE"

THE WEED EXTERMINATOR



For Paths, Cobble Gutter, Drives, Tennis Courts etc. until the dead leaves wither away. Qt., 45c; gal., \$1.25; 5 gals., \$4.50; 10 gals., \$7.50; 30 gals., \$20.00; 55 gals., \$28.00.

MEO-181 A specific eradicant for dandelions, plantain, crab grass, and other common weeds; apply with a sprayer in a fine mist. Per gal., \$1.55; 5 gals., \$7.25. (Write for price in drums.)

ATLACIDE

Non-poisonous Weed Killer Duster, especially recommended for obtaining weed-free driveways, paths, tennis courts, and gutters. 5-lb. can, kills 350 sq. ft. of weeds, \$1.50; 15-lb. drum, \$2.75; 50-lb. drum, \$6.50. Write for prices on larger sizes.

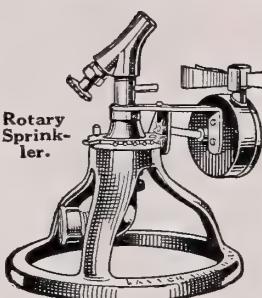
WEED KILLER KIT

Killer Kemical kills Dandelions, Thistles, Plantain, Buckhorn and other common weeds. Does not sterilize the soil—Is not poisonous or inflammable—Does not stain walks or clothing—Does not corrode or rust metals.

Killer Kane insures easy and economical application—No stooping or back breaking. Place Kane on crown of dandelion or weed and press handle slightly. A small amount of Kemical is released and does all the work. Children as well as grown-ups can operate effectively.

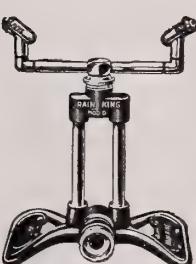
Killer Kits (Kane including can Kemical), \$1.75.

Killer Kemical, $\frac{1}{2}$ gal. \$1.45; gal., \$2.35; 5 gals., \$9.85.



MODEL D RAIN KING

Combines all the best features of both stationary and revolving sprinklers. Waters the largest lawns or the smallest corners, strips and odd-shaped places. Sprinkled in two directions at once or concentrates wherever water is wanted. Gives a gentle mist, a soaking downpour or light shower—all at instant command. Each, \$2.50; 3 for \$7.00.



LINCOLN PARK OR BUTTERFLY



Cheapest and best Sprinkler made. Each, 45c; doz., \$4.80. Mounted on stand; 2-foot, \$1.45; 4-foot, \$1.75; 6-foot, \$1.95.

Prices subject to change without notice.

ROSS SQUARE SPRAY HEADS



It sprinkles a square, making it easy for you to install your own underground system at a very low cost. Threaded for $\frac{1}{2}$ inch pipe, capacity $3\frac{1}{4}$ gals. per minute. Has a slotted adjusting screw to control the area of the spray. No. 54A. Price, per doz., \$5.00.

THE EVANSTON SPRINKLER



One of the best lawn sprinklers on the market; has no revolving parts to wear out and will not clog with sand or dirt. Gives an even distribution of water over a large area. Each, 65c; 3 for \$1.80.



KEMP IMPROVED POWER SOIL SHREDDER

Prepares any kind of soil, wet, dry, or stony—for any purpose. It reduces time and labor costs from 30% to 50% over old methods; makes manure and fertilizer go further. A Kemp Shredder usually pays for itself during the first year of use.

KEMP POWER SOIL SHREDDER No. 6

Shredding heavy, wet compost made from sod and manure. Designed especially for the small grower.

Low in price and economical to operate. Powered with a $\frac{1}{2}$ H.P. electric motor that can be plugged into any electric light socket.

For use also in potting shed for shredding soil for use in flats and pots. Also a handy machine for shredding and mixing soil and manure on benches.

SPECIFICATIONS

Length.....	38"
Width.....	22"
Height at discharge end.....	36"
Height at hopper.....	33"
Weight.....	200 lbs.
Power.....	$\frac{1}{2}$ H.P.
Capacity—either one or two men loading hopper.	
Parts having most wear, the hopper, top and deflector, made from steel.	

Machine shipped complete with motor and cord, ready to plug into socket and run. Price of No. 6, complete, ready to run.....\$98.00 (F. O. B. Erie, Pa)

Write for prices on other sizes.

KEMP SOIL SHREDDERS

No. 5 powered with $\frac{1}{4}$ H.P. Peerless electric motor with switch and 25 ft. of cord.....\$195.00

No. 5 powered with 1 H.P. Briggs and Stratton gas engine.....205.00

No. 5 less engine or motor.....170.00

No. 1 powered with either 2 H.P. Cushman gas engine or $1\frac{1}{2}$ H.P. Peerless electric motor with switch and 25 ft. of cord.....265.00

No. 1 complete without motor or engine, belt or belt shield, but with pulley for operating with tractor.....205.00

No. 2 powered with either 4 H.P. Cushman gas engine or 3 H.P. Peerless electric motor with switch and 25 ft. of cord.....400.00

No. 2 complete without motor or engine, belt or belt shield, but with pulley for operating with tractor.....300.00

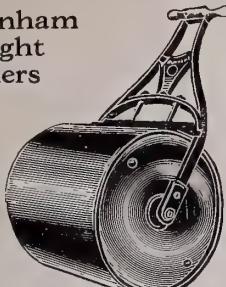
No. 2 without motor or engine, belt or belt shield, but with pulley for operating with tractor.....290.00

Note: Prices for machines with electric motors are for one, two and three phase motors. For special currents, prices will be furnished on request. In ordering, be sure to state phase of current and voltage.

Lawn Rollers and Trimmers

Genuine Dunham Water-Weight Lawn Rollers

Water Ballast Lawn Rollers, steel handles, roller bearings, acetylene welded drums with anti-turf-tearing tires, non-rust shut water entrance. The most efficient and easiest running roller made. Weighs 50% more when filled with sand. Water is more convenient.



No.	Diam., in.	Length, in.	Sec-tions, in.	Wt., empty	Wt., filled	Price
WB5	18	24	1	85	265	\$10.75
WB7	24	24	1	110	420	13.25
WB9	24	32	1	130	565	14.95

Dunham rollers with plain bearings slightly lighter than the roller-bearing rollers

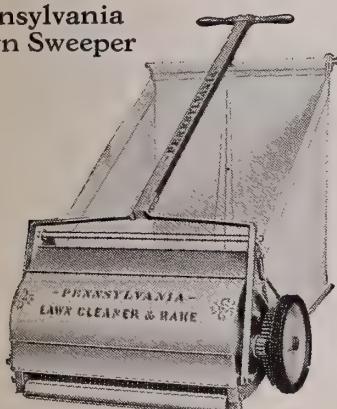
No.	Diam., in.	Length, in.	Sec-tions, in.	Wt., empty	Wt., filled	Price
WB2	14	24	1	68	175	\$ 7.75
WB4	18	24	1	82	265	9.00

WB1 for miniature golf courses; diam., 14 in.; width, 15 in.; wt. empty, 45 lbs.; filled with water, 115 lbs. Price, \$6.85.

Write us for price and leaflet on Dunham Water-Weight Horses and Tractor Rollers.

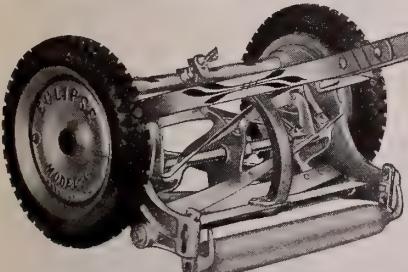
Prices Subject to Change without Notice.

Pennsylvania Lawn Sweeper



This machine will clean the lawn more thoroughly and quickly than three or four men with hand rakes, and greatly benefit the turf. Put together in the most durable and thorough manner; interchangeable brushes or rakes; operates as easily as a lawn mower. Width, 24 inches. Always designate Rakes or Brushes when ordering. Each, \$35.00.

The Famous Eclipse Lawn Mowers



Automatic self-sharpening, finger tip adjusting; saves yearly sharpening and adjusting expense. The first cost of an Eclipse is the last cost. Precision methods of manufacture assure long service. Specifications: Wheels, 10-inch closed type. Bearings, patented super easy running wear-proof precision adjustable bearings. Run in oil wells to provide continuous lubrication. Blades, heat treated tool steel, precision ground by latest type automatic grinding machines.

Model A	16 in.	18 in.	20 in.
Valueless Pneumatic Tires	\$26.75	\$28.25	\$29.75
Standard Wheels	23.50	25.00	26.50

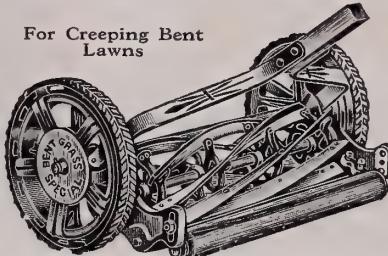
Model L	19.50	21.00	22.50
Valueless Pneumatic Tires	19.50	21.00	22.50

Model M	18.50	20.00	21.50
Valueless Pneumatic Tires	18.50	20.00	21.50

Special Discount on Request.

Special Ball Bearing Mower

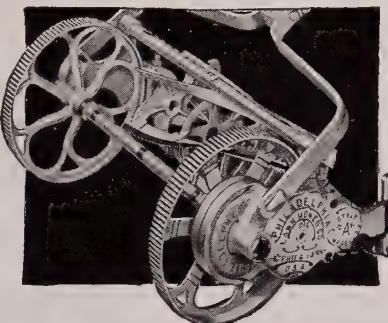
For Creeping Bent Lawns



10-Inch Wheels, Seven Blades, Rubber Tires.

Self-Adjusting Ball Bearings in revolving cylinder guaranteed for the life of the mower. Drive wheels 10½ inches in diameter, open type. Geared on both sides with reciprocating pawl ratchets. Cutter bar special design raised edge, tool steel hardened and tempered in oil. Height of cut, 3/16 inch to 1 ¼ inch. Seven blades, high speed tool steel, hardened and tempered, self-sharpening. Sizes: 16-inch, \$11.00; 18-inch, \$12.50.

Philadelphia Lawn Mower



The genuine Philadelphia Lawn Mowers are the recognized standard for high class machines. They are universally used in cemeteries and parks, where they are run constantly, day after day. The ordinary mowers cannot stand such usage. Write for catalogue.

Style A. High wheel, all steel, very easy to run and light in weight. Ten-inch driving wheels. Long, large bearings, four or five blades, double ratchet. More of these mowers used by parks and estates than all other makes combined. Three gears on one side.

15 in.	17 in.	19 in.	21 in.
\$17.75	\$21.00	\$23.00	\$25.50

Style K. R. B. Cylinder with 5 blades. Driving wheel 10 inches. Roller bearings, bored with rifle-barrel accuracy. Vanadium crucible steel blades. Very durable. Single pinion gears on both sides. Will stand up under constant and hard use in cemeteries, estates, etc.

14 in.	16 in.	18 in.	20 in.
\$12.95	\$13.75	\$14.50	\$15.25

A Special Discount on 5 or More Mowers.

THE RICHMOND SOD CUTTER

A great labor-saver. A whole field can be cut without removing the sod, provided a narrow strip about one inch in width is taken out at the start. Price, \$35.00.

Masters Ball Bearing Lawn Trimmer and Edger

Does what Lawn Mower leaves undone. Having one side without wheel, it can run close to walls and trees, cutting grass clean and quick. Can also be used for trimming edges of walks, etc. Price, each, \$6.75, with edger, \$7.25 complete.

Write us for price and leaflet on Motor Mowers.



O. K. PORTABLE ELECTRIC GRASS TRIMMING, EDGING and HEDGE TRIMMING EQUIPMENT



You can save . . . the entire cost of a completed outfit as shown above during Ten or Less Days of use . . . Every Kind of Grass trimming, cutting and edging can be done anywhere, as power plant is portable . . . two men each using an O. K. Trimmer can do as much work as eight to ten men using sickles.

DeLuxe Outfit . . . \$166.50

Includes power plant, trimmer and cord. Up to four trimmers can be run at one time.

Extra trimmers, \$19.00 each. Large base cutter, \$25.00.



O. K. POWER PLANT

O. K. Heavy duty Hedge Trimmer . . . \$15.00
O. K. Jr. Hedge Trimmer . . . 8.85

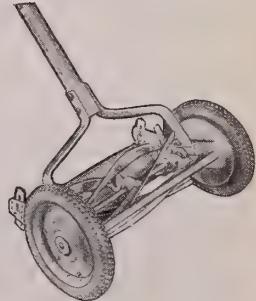
You have unlimited use for O. K. Equipment. Why not write us for further particulars—it's standard equipment now in thousands of cemeteries.

Eclipse Rocket Power Lawn Mower

The outstanding mower for effortless motorized mowing. Briggs and Stratton motor, 20-inch cut, five blades, positive oversize expansion type clutch. Timken oilite bronze and steel bearings, wheels 10½ inch diameter, valveless pneumatic tires. Net shipping weight, 160 lbs. Price, \$77.50. Write for Leaflet.

Johnston Silent Running Lawn Mower

All steel unbreakable; patented adjustment; no wrenches required; easiest running mower made. Every mower carries a five year guarantee. Neighbors not annoyed by early morning mowing. Price, 16-inch, \$16.50; 18-inch, \$17.75.



Use Erosionet for New Lawns, Weak Lawns, and Stubborn Terraces

Made of strong open mesh fabric, will hold your seed and sod firmly in place, prevents washouts, does not present an unsightly appearance, grass and clover soon rendering it almost invisible. Can be removed when grass becomes 2½ in. high. Width, 45 inches. Price per yd., 10c; 25-yd. lots, 9c per yd.; 100-yd. lots, 8½c per yd.; rolls of 250 yds., 8c per yard.

BEMIS
EROSIONET



This Vivid Window Streamer Printed in Five Colors Will Bring You Business—Furnished Free to All Dealers.

Bigger Profits In Quality Seed

FANCY GRASSES

All grass seed prices subject to change without notice.
Orders will be booked at the lowest price on day received.

KENTUCKY BLUE GRASS. Our blue grass is all recleaned to fancy purities with low weed content and is of high germination.

Fancy. Blue grass is again good quality this year and our seed is from the cream of the crop. Full bags (112 lbs.), \$20.50 per 100 lbs.; broken bags, 21½c per lb.; 10 to 25 lbs., 22½c per lb.

Standard. Full bags (112 lbs.), \$19.50 per 100 lbs.; broken bags, 20½c per lb.; 10 to 25 lbs., 21½c per lb.

Extra Fancy Suncured Seed. Purity 98%. Full bags (112 lbs.), \$26.50 per 100 lbs.; broken bags 27½c per lb.; 10 to 25 lbs., 28½c per lb.

RED TOP, Extra Fancy. Recleaned from selected fields. Full bags (100 lbs.), \$14.00 per 100 lbs.; broken bags, 15c per lb.; 10 to 25 lbs., 16c per lb. Bags 25c each extra.

Fancy. Full bags (100 lbs.), \$12.50 per 100 lbs.; broken bags, 13½c per lb.; 10 to 25 lbs., 14½c per lb. Bags 25c each extra.

CLOVER, White Dutch. Bags, 25c each extra.

Fancy. \$6.00 per 100 lbs.; less than 100 lbs., 6c per lb.; 10 to 25 lbs., 6c per lb.

Choice Grades. \$58.00 per 100 lbs.; less than 100 lbs., 59c per lb.; 10 to 25 lbs., 60c per lb.

Mixed with Alsike. \$55.00 per 100 lbs.; less than 100 lbs., 56c per lb.; 10 to 25 lbs., 57c per lb.

Put up in packages of 5 lbs. and less, write for prices.

RYE GRASS, Native Grown. Full bags (100 lbs.), \$7.50 per 100 lbs.; broken bags, 8½c per lb.; 10 to 25 lbs., 9½c per lb.

CHEWING'S FESCUE. Full bags (115 lbs.), \$60.00 per 100 lbs.; broken bags, 6c per lb.; 10 to 25 lbs., 6c per lb.

POA TRIVIALIS (Rough Stalked Meadow Grass). Full bags (107 lbs.), \$38.00 per 100 lbs.; broken bags, 39c per lb.; 10 to 25 lbs., 40c per lb.

ASTORIA BENT. Full bags (100 lbs.), \$58.00 per 100 lbs.; broken bags, 60c per lb.; 10 to 25 lbs., 63c per lb.

SEASIDE BENT. Full bags (100 lbs.), \$62.00 per 100 lbs.; broken bags, 64c per lb.; 10 to 25 lbs., 67c per lb.

Ask for quotations on grasses not listed.

LAWN MIXTURES

Vaughan's No. 25 Lawn Mixture. 100 lbs., \$15.00; 1-lb. cartons (ea., 20c), \$17.00 per 100 lbs.; 5-lb. bags (ea., 90c), \$16.00 per 100 lbs.; 10 to 25 lbs., 17c per lb. Retails 30c per lb.

"Good Mixed" Lawn Grass Seed. \$17.50 per 100 lbs.; less than 25 lbs., 19½c per lb.

Vaughan's No. 40 Lawn Mixture. Intermediate grade. 100 lbs., \$20.00; 1-lb. cartons (ea., 25c), per 100 lbs., \$22.00; 5-lb. bags (ea., \$1.10), per 100 lbs., \$21.00; 10 to 25 lbs., 22c per lb.

Vaughan's "Private Estate" Bent Formula

A very fancy mixture containing an important percentage of the Bent grasses. Makes a beautiful velvety lawn. More practical than pure bent lawns.

(Retails at 60c per lb.) Price, \$40.00 per 100 lbs.; 5-lb. bags (ea., \$2.20), per 100 lbs., \$41.00; 1-lb. cartons (ea., 45c), per 100 lbs., \$42.00. Orders for 10 to 25 lbs., 42c per lb.

SPECIAL MIXTURES

If interested in cheaper mixtures or formulas other than we list let us know and we will be glad to quote.

Vaughan's Chicago Parks

The stand-by for fine serviceable lawns for two generations, this splendid formula remains the universal favorite. The basis of this mixture is a large amount of fancy Kentucky blue grass, which is combined with other suitable grasses in the proper proportion to produce a fine permanent turf.

Prices for Chicago Parks Formula		Per 100 lbs.
½-lb. carton, each, 15c (Retails for 25c)		\$27.00
1-lb. carton, each, 30c (Retails for 45c)		
2 and 3-lb. cartons	.....	26.50
5-lb. cartons or bags (each, \$1.45)		26.00
10 and 15-lb. bags	.....	26.00
100, 50 and 25-lb. bags	.....	25.00
300 lb. lots	.....	24.50
500 lb. lots	.....	24.00
1000 lb. lots	.....	23.00

On Larger Lots Ask For Prices

We offer this same mixture, without White Clover, under the name Vaughan's "Fairway" Mixture, at prices the same as "Chicago Parks."

Vaughan's Columbian (Shady Place Formula)

Vaughan's Columbian (Shady Place Formula)		Per 100 lbs.
½-lb. carton, each, 20c (Retails for 30c)		\$37.00
1-lb. carton, each, 40c (Retails for 55c)		
2 and 3-lb. cartons	.....	36.50
5-lb. cartons or bags (each, \$1.95)		36.00
10 and 15-lb. bags	.....	36.00
100, 50 and 25-lb. bags	.....	35.00
300 lb. lots	.....	34.50
500 lb. lots	.....	34.00

On Larger Lots Ask For Prices

Vaughan's Dense Shade Formula

Composed of grasses most suited for growing in heavily shaded situations. Is also satisfactory in moderate shade. This is an exceptional shade mixture and decidedly the best shade mixture on the market. Grass grown in the shade requires extra care. Ask for Lawn Grass pamphlet.

(Retails at 70c per lb.) Price, \$45.00 per 100 lbs.; 5-lb. cartons (ea., \$2.45), per 100 lbs., \$46.00; 1-lb. cartons (each 50c), per 100 lbs., \$47.00. Orders for 10 to 25 lbs., 47c per lb.

Note

We call attention to the fact that we carry a complete line of native and imported grasses, using great care always as to quality in our purchases, and can quote to advantage.

"Your Lawn"

This booklet gives the latest scientific advice on all phases of lawn making. One copy is packed with each carton and bag of the lawn seed mixtures priced on this page.

All grass seed net cash, F. O. B. Chicago and New York and subject to price change without notice.

Freshly Packed and Tested Lawn Seed in 1941 for Your Unsold 1940 Stock

New Federal Seed Law Requires Dated Germination Tests

OUR dealers can purchase cartons and 5-lb. bags of our branded seed with no fear of carrying over out-dated seed into the following year. We will allow unsold packages to be returned to us and replace them with freshly packed and tested seed the following spring.

Dealers who have tried this plan report that it enables them to keep up stocks and get maximum sales throughout the season with no fear of inventory losses.

This offer is NOT in any way to be considered on a consignment basis but is solely for the protection of our dealers against having to carry into the following year unsalable, outdated and soiled cartons.

The terms of payment are absolutely the same as heretofore.

This offer does not apply in any way whatsoever to bulk seed or non-branded seed and this is in no way to be considered a guarantee sale. All seed to be exchanged must positively be returned to us by December 1, 1940, and replacement will be made by March 1, 1941.

For Your Protection

All our grass seeds are carefully analyzed in our own fully equipped laboratory and tagged or labelled to conform to the complicated requirements of the state laws. Errors in labelling might be costly and troublesome. Play safe. With each of the deals below we furnish the vividly colored window streamer illustrated on the opposite page.

Vaughan's Chicago Parks Contains NO TIMOTHY

Recommend this mixture for beauty and durability. It produces a fine turf that will endure. The splendid reputation of this mixture for over half a century makes it an easy seller and keeps satisfied customers. For seeding and care of lawn, call customer's attention to lawn booklet enclosed in every carton and bag of Vaughan's lawn seed.

Chicago Parks	\$15	Retails for \$25.35
Deal No. 1		
		Cartons Ret. Price
		27 1-lb. \$0.45
		6 5-lb. 2.20

Net Cash

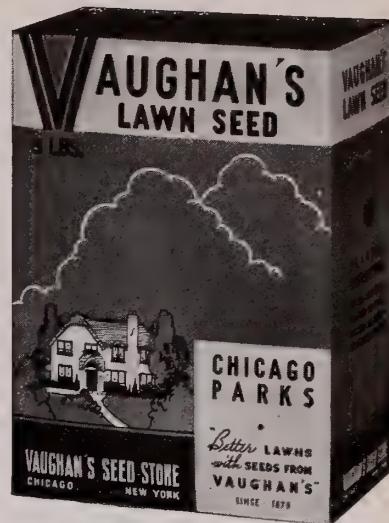
Vaughan's No. 25 Lawn Mixture An Economy Mixture Containing NO TIMOTHY

This blend fills the demand for a mixture which is both inexpensive and at the same time free of objectionable timothy so widely used as a lawn seed adulterant. Our No. 25 has, as its chief ingredient, the grass which is used for winter putting greens on southern golf courses. It comes up as quickly as timothy, will last longer and makes a fine appearance if kept cut.

Retails for \$16.55	No. 25. Deal No. 2 \$10
Cartons Ret. Price	
21 1-lb. \$0.30	

Bags
8 5-lb. 1.25

Net Cash



NEW CARTON OF MODERN DESIGN
SUPPLIED IN ALL SIZES UP TO 5 LBS.

We Guarantee Your Sales of This Best Sideline

REMARKABLE results are being shown by florists who push Vaughan's Natural Floral Perfumes. Our own sales of perfumes at retail, in our Chicago store and mail order business, have increased 50% in the last year. Today's vogue for floral perfumes has stimulated the demand for Vaughan's Natural Floral Odors, the only line in existence which is based on the natural fragrance of the freshly opened flower.

In selling this perfume you are tying in with a demand which is logically yours. Your customers find it natural to purchase floral perfumes in a flower shop, and appreciate the savings which our prices allow over even the department stores and drug stores, though the quality of our perfumes is unsurpassed by any line.

You can try this proved sideline without risk by sending for our introductory offer. We give you 90 days to sell what you can, with the privilege of returning unsold stock if you wish.

NEW! Floral Colognes to Match the Perfumes Which Have Sold So Well

Now we can supply floral colognes in the same odors as our perfumes. Many women prefer colognes because they are lighter in odor ($\frac{1}{8}$ th the strength of perfumes).

Retail Prices Including Gift Boxes:

One Ounce.....	\$0.35
Four Ounces.....	1.00
Half Pint.....	1.85
Full Pint.....	3.00

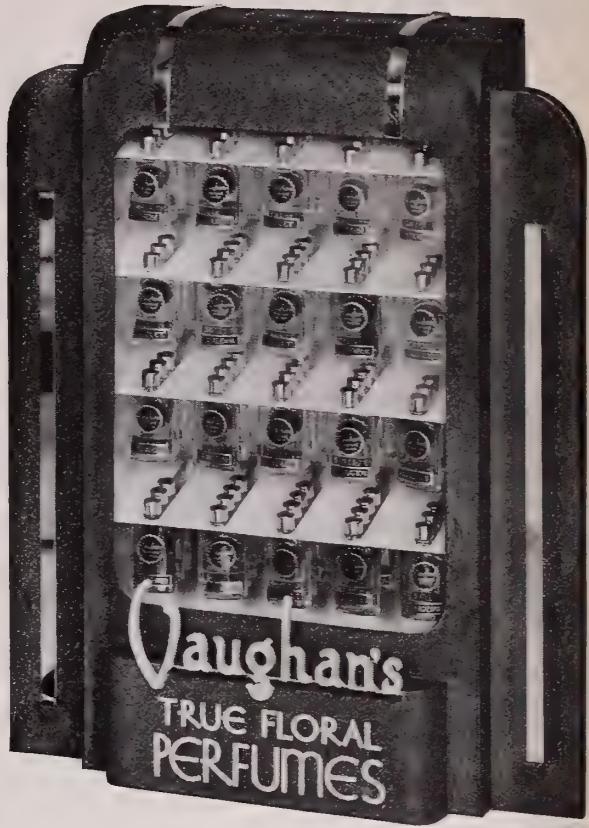
Dealers' Discount 50% From This List.

Odors in Colognes and Perfumes on Reorders

Appleblossom	Hawaiian Lei	Magnolia
Bouquet S	Heather	Nicotiana
Bouquet X	Heliotrope	Parma Violet
Carnation	Hyacinth	Red Rose
Forest Breeze	Jasmine	Sandalwood
Frangipani	Lavender	Sweet Pea
Freesia	Lemon Verbena	Violet
Gardenia	Lilac	White Rose
Geranium	Lily of the Valley	Wild Rose

Refills: One Dram Bottles, \$3.00 Per Dozen,
F. O. B. Chicago.

Cologne: One Ounce Bottles, \$1.10 Per Dozen,
F. O. B. Chicago.



This display cabinet, in violet crinkle finish with chromium trim and gold lettering, occupies counter space of $13 \times 4\frac{1}{2}$ inches and is $16\frac{1}{2}$ inches tall. It holds your entire stock of 48 gold capped bottles, keeping them safe while allowing unobstructed inspection. Loaned with deal below.

OUR INTRODUCTORY DEAL
with Guaranteed Sale on 90 Day
Terms, for \$12

If within 90 days you are disappointed in sales, you may return Displays and unsold bottles for credit to your account.

HERE IS WHAT YOU GET FOR \$12.00

This assortment includes everything you need to go into the perfume business — all display material, testing samples, direct mail folders, etc.

48 one-dram bottles of perfume (12 Carnation, 12 Lilac, 6 Parma Violet, 6 Wild Rose, 6 Bouquet S, 6 Sweet Pea)—Retail Value, at 50c per dram \$24.00

FREE DEMONSTRATION

6 testing samples (one each odor), retail value, \$3.00.

Display Cabinet as illustrated, loaned to you.
Display Cards.

Consumers' folders for mailing. Not imprinted.

Total Sale Value \$24.00
Price to You 12.00

YOUR PROFIT \$12.00

REFILLS: One-dram perfumes, \$3 per doz. F. O. B. Chicago.

Vaughan's Seed Store

All telegrams should be addressed to our warehouse and general office at 601 W. Jackson Blvd., Chicago, or 47 Barclay Street, New York.

PRICES IN THIS CATALOGUE ARE SUBJECT TO CHANGE WITHOUT NOTICE

TERMS OF PAYMENT. To customers of approved credit, 60 days, except on goods always sold for cash, see other pages. **Special 2 percent** discount for cash in ten days from date of invoice (from these list prices only, not from "Special" mail quotations and excepting **net cash** items).

FIRST ORDERS from all firms not having an account with us should come with cash remittance to cover, from which deduct 2 percent (except on net cash items). If cash is not sent, supply bank and trade references.

POSTAGE for parcel post shipment. The prices in this catalogue are not prepaid. Include sufficient to cover postage with cash orders. Postage will be billed on charge orders.

C. O. D. We prefer not to send goods C.O.D., but when wanted in that manner 25 percent of amount of order must accompany order.

PERISHABLE STOCK. Plants, Bulbs, etc., are POSITIVELY not sent C.O.D.

WHERE SOLD. Our stocks are sold F.O.B. Chicago, New York or Western Springs (unless otherwise stated) and we do not accept transportation risks after delivery in good order to express companies, railroads or steamship lines.

ROUTING. On each Order please give name of railroad you wish shipped by; there is no other sure way of correct routing. DO NOT use the words **send, ship or forward**—they mean nothing. State distinctly: **Mail, Express or Freight.**

BOOK ACCOUNTS. Customers who wish to open accounts

will please supply usual bank and trade reference and financial statement. If the business is a partnership or a corporation, be sure to give the names of partners or officers and signatures of those authorized to sign orders. Some **individual name** should be signed to all orders. A typewritten or rubber stamp signature is insufficient. We do not open new accounts for cash goods.

ORDERS FOR BULBS, ONION SETS and like perishable stock which we book in advance of shipping date are accepted by us only subject to loss by fire, rot or other accident beyond our control; we do not guarantee to supply if so lost.

INSURANCE. We insure all orders for seeds for \$2.00 and over at buyer's expense, unless instructed not to do so.

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Sign This and Mail It Now!

To Get Vaughan's Seeds, Without Expense or Investment.

Please give references for the benefit of our credit department unless you have a rating or already have an account with us. This will save time.

Flower and Vegetable Floor Rack. Flower Seeds Only.

VAUGHAN'S SEED STORE

Commission Box Department
601 W. Jackson Blvd., Chicago, Ill.

19

Please forward, in due season, one assortment of garden and flower seeds for me to sell on commission for the season of 1940. I agree to display this assortment and the advertising material sent with it, in my store, and to sell all the seeds possible. On or after July 1, when requested by you, I agree to return the unsold seeds by parcel post, and to pay, upon receipt of statement, the retail value of the seeds sold by me, less 40% commission. Unsold seeds returned by me are to be credited, and only the amount of seeds actually sold, less 40% commission, is to be billed. I further agree, when season is ended, to destroy the display rack furnished by you with the goods.

Your Firm Name _____

Your Address _____

Sign here _____

OUR packet seeds are supplied on consignment on the usual terms, but with unusual display material and a unique method of direct delivery to you by parcel post. An assortment of flower seeds, or both flower and vegetable seeds as you choose, is sent you on consignment, to be sold at 40% commission. All flower seeds are 10 cents or more; some vegetables 5 cents, most 10 cents. Each rack is dated and bears a seed analyst's certificate of the purity and freshness of its seeds. At the end of the season you return the unsold packets in a bag supplied by us, and destroy the rack. You are credited with the returns and billed for the seeds sold, less 40%.

Brilliant New Floor Display Racks

We continue for 1940 our floor display which was so popular and effective the past season.

The illustrations show how it holds each variety of your seed assortment where the customer can see it. Against the black background the vivid colors of the seed packets stand out like a veritable flower garden, catching the eye of everyone who comes near it and inviting further inspection.

The dimensions of this rack are: 30 inches wide, 15 inches deep, on the floor. The height is 55 inches, nicely calculated to combine maximum visibility of packets, and convenient self-service, while at the same time it does not obstruct a clear view of the store, which many feel is important.

Your new rack will be light, yet strong, easily moved about. It is made in the modern manner, of heavy matboard, and comes to you brand new. One rack will hold \$100 worth of packets retail value.

Our New Packets. All flower seed packets of 1940 will be $3\frac{1}{4}$ by $4\frac{1}{2}$ inches, same size as vegetable packets, and all racks will be interchangeable, serving for either flower seed or vegetable seed packets or both.

Brilliantly Colored Posters and Streamers. Color sells everything now-a-days and nowhere is it more necessary than in selling the garden. Vaughan's posters are modern, artistic, brilliant. They will dress up your store and give it the atmosphere of spring, helping business in every line.



OUR NEW FLOOR RACK, DISPLAYING ENTIRE SEED STOCK IN MINIMUM SPACE

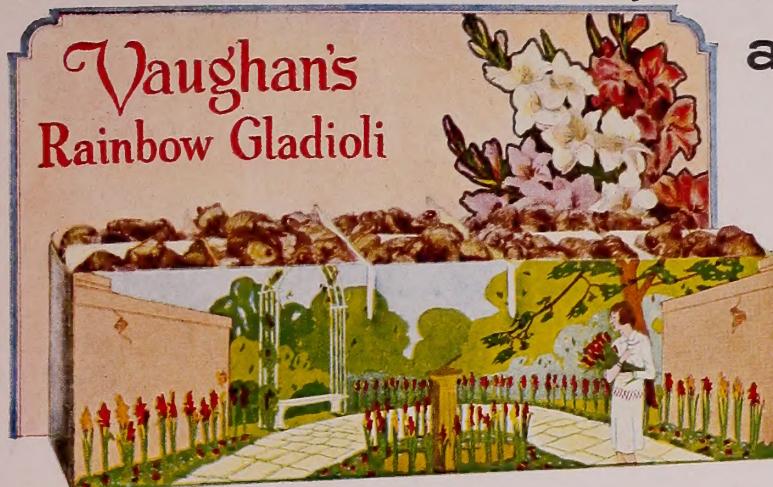
DOMESTIC PARCEL POST RATES On Seeds, Plants, Bulbs, Roots, Books, Tools, etc. within the U. S. and Possessions. Effective Oct. 1, 1932.	First pound or fraction	Each additional pound or fraction	Total Weight,	
Local—Chicago or New York City.....	7c.	1c. (2 lbs)		
First and Second Zone within 150 miles of either.....	8c.	1.1c.		
Third Zone within 150 to 300 miles.....	9c.	2c.		
Fourth Zone within 300 to 600 miles.....	10c.	3.5c.		
Fifth Zone within 600 to 1000 miles.....	11c.	5.3c.		
Sixth Zone within 1000 to 1400 miles.....	12c.	7c.		
Seventh Zone within 1400 to 1800 miles.....	14c.	9c.		
Eighth Zone all over 1800 miles.....	15c.	11c.		
			A fraction of a cent in the total amount of postage on any parcel shall be counted as a full cent.	
				Amount for Postage
				Grand Total, \$

Filled by _____ **Checked by** _____ **Packed by** _____

Shipped by **Style of Package**

Date Book Weight

500 1st Size Glads, 10 Named Varieties, and Display Box



Gladiolus Display Box Holding 500 1st Size Bulbs, 50 each of 10 Named Varieties

\$750

Retails for \$16.00

F. O. B. Chicago or New York

VAUGHAN'S GLADIOLI are famous. For years they have been nationally advertised. You have only to put this box on your counter to sell out quickly.

We use **FIRST SIZE BULBS**, the size which sells best over the counter. The 10 named varieties (50 each) include the show winners **Picardy, Maid of Orleans, Dr. Bennett, Wasaga, Dearborn, Edith Mason, Cadillac, Minuet, Kalamazoo, Emile Auburn**—none better known. The price to you is \$9.00 for the box and 500 bulbs of 10 named varieties. You retail them for 40 cents a dozen, or more, because the selection is worth more, doubling your money. Each variety is packed 50 in a bag labeled with its name. You empty one bag into a compartment, and refill in the same manner when it is empty. This prevents mixtures and loss of bulbs. Colored pictures are provided to paste on the compartments. This box keeps the bulbs in the open air, thus preventing bacterial rot which comes when they are sealed in cartons. The named varieties are kept apart without mixing, which adds greatly to their value.

Varieties Subject to Change Without Notice.

Sell Vaughan's Famous Rainbow Garden of Gladioli (100 No. 3 bulbs)

Each: \$1.50; 10 for \$14.00; 20 for \$27.00; Prepaid 600 Miles.

Retailing at \$2.00, this is an unexcelled leader. It includes 100 bulbs, 10 each of the following varieties, each separately bagged and labeled; Dr. Bennett, red; Mary Shary, yellow; Maid of Orleans, white; Dearborn, orange; Edith Mason, pink; Marmora, smoky; Wasaga, apricot; Mrs. Frances L. Karcher, red orange; Picardy, pink; Minuet, lavender.

The Best of the New Cannas

New Cannas are planted each year at Western Springs, also test plantings of the older varieties. Cannas are indispensable for parks, cemeteries, golf grounds or any place where a large mass of flowers and foliage is needed. We urge all Florists to try the four new varieties here listed, best in our trials.

COPPER GIANT. 3½ ft. Much admired in our Western Springs planting. Large attractive blooms of a coppery madder red in big clusters on stout stems; green foliage. Exceptionally free-flowering and stocky growth. If you do not know this variety, give it a trial....10 for \$1.00 \$7.00 \$6.00
3 inch pot plants.....12.00 100.00

IMPROVED FLORENCE VAUGHAN. 4 ft. The improved type of a fine yellow canna. Bloom and general appearance very clean looking and showy. Stout stems of green foliage with big golden yellow flowers with fine red dots.....10 for \$1.00 7.00 60.00
3 inch pot plants.....12.00 100.00

MRS. HERBERT HOOVER. 5 ft. Strong vigorous plants with bright green foliage. Massive trusses of blooms in watermelon red.....10 for \$1.00 6.50 55.00
3 inch pot plants.....12.00 100.00



Part of our Trial Grounds at Western Springs. Copper Giant in front, Improved Florence Vaughan in background.

For Other Cannas, See Page Index.



DELPHINIUM

Pacific Hybrids
the World's Best Strain

This scientifically bred group of hardy delphiniums, pronounced by expert judges as the world's best, has now been developed into definite named color strains. Huge florets as illustrated are well spaced on tapering 5-foot spikes. Plants are 65% mildew resistant.

Galahad, clear white. Trade packet, \$2.00; $\frac{1}{4}$ oz., \$4.00; $\frac{1}{2}$ oz., \$7.00; $\frac{3}{4}$ oz., \$13.00; oz., \$24.00.

Guinevere, light pink-lavender, white bee. Tr. pkt., \$1.25; $\frac{1}{4}$ oz., \$2.50; $\frac{1}{2}$ oz., \$4.00; oz., \$14.00.

Lancelot, lilac with white bee. Trade pkt., \$2.00.

Plants from $2\frac{1}{4}$ -inch pots of Galahad, Guinevere, Summer Skies, Blue Jay, King Arthur, 10 for \$1.50; 100 for \$12.00, F. O. B. Western Springs, Ill. Field roots of Pacific Hybrids mixed, 10 for \$1.85; 100 for \$15.00, F. O. B. Western Springs, Ill.

Blue Jay, medium to dark blue, dark bee. 500 seeds, \$2.00.

King Arthur, royal violet, white bee. Tr. pkt., \$1.25; $\frac{1}{4}$ oz., \$2.50.

Summer Skies, light blue, white bee. Tr. pkt., \$1.25; $\frac{1}{4}$ oz., \$2.50;

$\frac{1}{2}$ oz., \$4.00.

White, clear white, white bee. Tr. pkt., \$1.25; $\frac{1}{4}$ oz., \$2.50; $\frac{1}{2}$ oz., \$4.00;

oz., \$14.00.

Dark Blue Shades,

Light Blue Shades,

Pastel Shades,

Mixed.

Above, Tr. pkt., \$1.00; $\frac{1}{4}$ oz., \$2.00; $\frac{1}{2}$ oz., \$3.50; oz., \$12.00.